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ABSTRACT

Drawing from data from the Degrees and Other Formal Awards Conferred Survey conducted annually as part of the Higher Education General Information Survey, this report looks at the less-than-4-year degrees and certificates awarded between 1983 and 1985, including limited data from 1975 for trend analysis. First, highlighted findings indicate that: (1) associate degrees and postsecondary certificates or diplomas increased more rapidly than all other awards granted in higher education institutions from 1975 to 1985, although their growth slowed after 1983; (2) associate degrees accounted for 75% of all less-than-4-year degrees; (3) over 75% of all awards were in four major fields of study, i.e., business and management, liberal/general studies, health sciences, and engineering technologies; and (4) in 1985, women outearned men in less-than-4-year degrees by a margin of 60,600 awards. Following an overview of trends of the 1975 to 1985 decade, the report examines awards by major field of study and instructional program in the combined category of less-than-4-year awards. The report then turns to the categories of associate degrees, 1-but-less-than-4-year awards, and less-than-1-year awards. The next sections focus on state findings for academic year 1985, institutional findings, and the occupational outlook of top-ranking instructional programs. Appendixes comprising more than half the document explain the survey methodology and offer detailed data tables including information on awards by sex of student, field of study, level of award, type of institution, and state or other area. (AYC)

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Less-Than-4-Year Awards in Institutions of Higher Education: 1983-85

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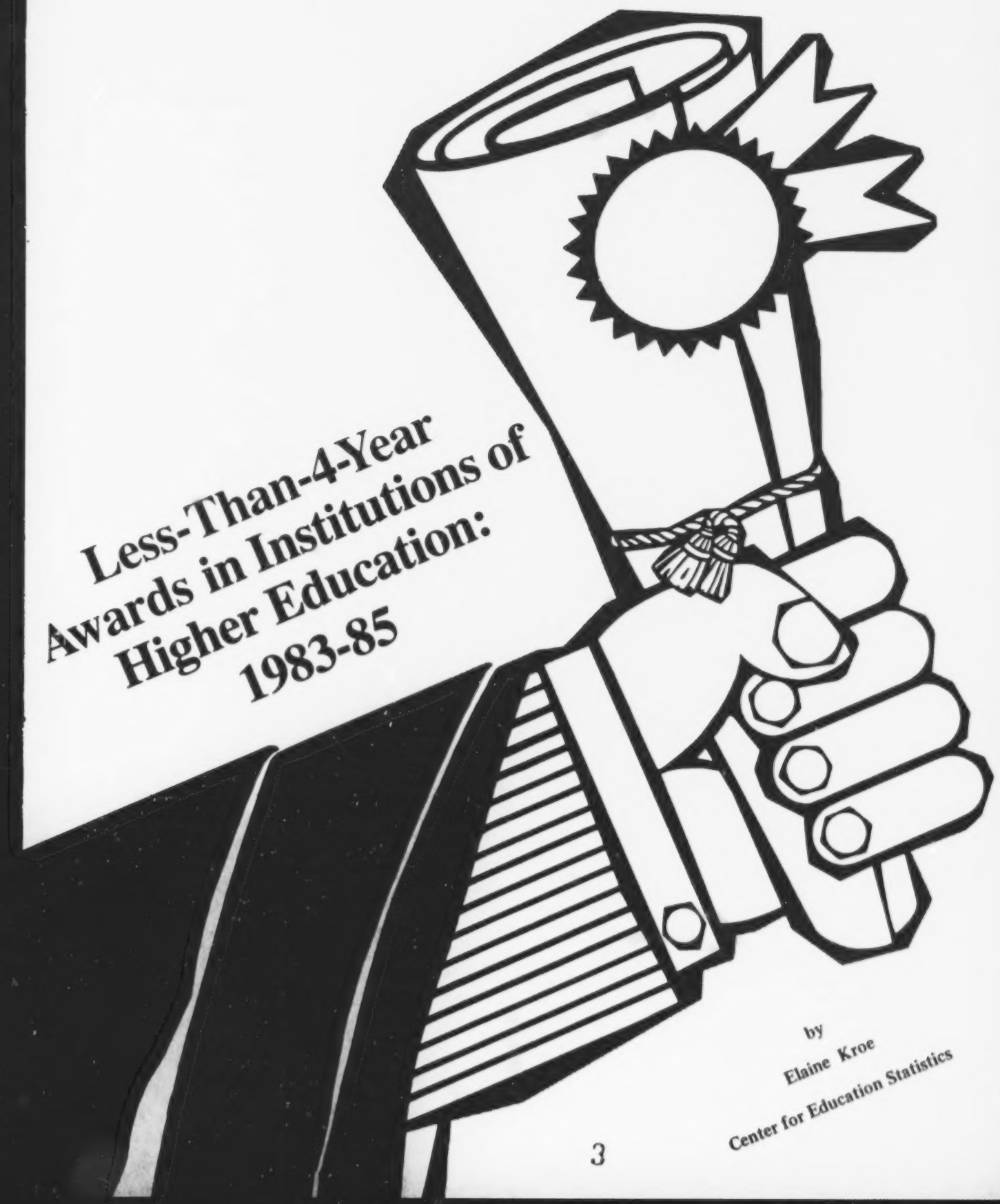

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"The purpose of the Center shall be to collect and disseminate statistics and other data related to education in the United States and in other nations. The Center shall . . . collect, collate, and from time to time, report full and complete statistics on the conditions of education in the United States; conduct and publish reports on specialized analyses of the meaning and significance of such statistics; . . . and review and report on education activities in foreign countries."—Section 406(b) of the General Education Provisions Act, as amended (20 U.S.C. 1221e-1).

August 1987

Foreword

This report presents final data from the Degrees and Other Formal Awards Conferred survey conducted annually as part of the Higher Education General Information Survey (HEGIS). The survey is sent to 4-year and 2-year institutions of higher education in the public and private sectors which are ". . .legally authorized to offer and are offering at least a one-year program of college-level studies leading toward a degree."[1] These institutions are accredited by an agency nationally recognized by the U.S. Department of Education.

The focus of data in this report is less-than-4-year awards in institutions of higher education in academic years 1983 to 1985, with limited data from academic year 1975 for trend analysis. In 1975, the types of awards included associate degrees and postsecondary certificates or diplomas in programs that would be completed in at least 1 but less than 4 academic years by a student enrolled full time. Beginning in 1983, data were also collected for postsecondary certificates or diplomas in programs completed in less than 1 academic year.[2] (For more information, see the survey methodology in the appendix.)

Survey data were provided by college and university officials. CES greatly appreciates the cooperation and continuing efforts of survey respondents and State coordinators in providing data of high relevance to the education community and the general public.

Information on baccalaureate and post-baccalaureate awards at the master's, doctor's, and first-professional levels is presented in a separate report entitled *Trends in Bachelor's and Higher Degrees, 1975 to 1985*, from CES.

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[1]U.S. Department of Education, Center for Education Statistics, *Education Directory, Colleges and Universities, 1985-86*, Washington, D.C., U.S. Government Printing Office, 1986.

[2]For examples of the programs covered by these awards, see appendix tables 3.0 to 3.11, which list the top 50 instructional programs in number of awards granted in each of these categories.

Highlights

- Associate degrees and postsecondary certificates or diplomas in less-than-4-year programs increased more rapidly than all other awards granted by institutions of higher education from 1975-1985, although their growth has slowed since 1983.

- Associate degrees accounted for three-quarters of all less-than-4-year awards. However, total conferrals at this level have declined slightly since 1983.

- Over three-quarters of all awards in less-than-4-year programs were in four major fields of study: business and management, liberal/general studies, health sciences, and engineering technologies. However, awards in liberal/general studies and engineering technologies decreased in number.

- In academic year 1985, women outearned men in less-than-4-year awards by a margin of 60,600 awards, reversing the second place standing they held in 1975 when they earned 19,000 fewer awards.

- Liberal arts and sciences was the most popular instructional program in the Nation at the less-than-4-year level, accounting for 16.5 percent of all awards in 1985. General nursing and electronic technology were the second and third most popular programs.

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Acknowledgments

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For More Information

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Inquiries on the data tapes, special tabulations, and other data requests should be directed to:

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1-800-424-1616

Purpose of the Survey

The Degrees and Other Formal Awards Conferred survey provides the only national source of information on the availability of highly trained individuals and the location of a wide variety of organized occupational curriculums. These data are used extensively for resource planning at local, State, regional, and Federal levels. These data support the mandate in the Carl D. Perkins Vocational Education Act of 1984, as amended, Public Law 98-524, for information on completers of postsecondary vocational education.

Overview of Trends of the 1975 to 1985 Decade

Less-than-4-year awards increased more rapidly than awards at all other levels in institutions of higher education from academic years 1974-75[3] to 1984-85, and were second only to bachelor's degrees in number and share of total awards (table A).

In academic year 1975, 445,300 less-than-4-year awards were conferred, increasing to 614,700 in 1985 (figure 1) —a growth rate of 38.0 percent[4] (table A). In comparison, all other award categories in higher education, except first-professional awards, experienced either limited growth or slight decreases over this period. The share of less-than-4-year awards of total awards increased from 25.4 to 30.9 percent from 1975 to 1985 (figure 2). Only bachelor's degrees were awarded in greater numbers, although their share of total awards declined from 52.7 to 49.3 percent during this 10-year period.

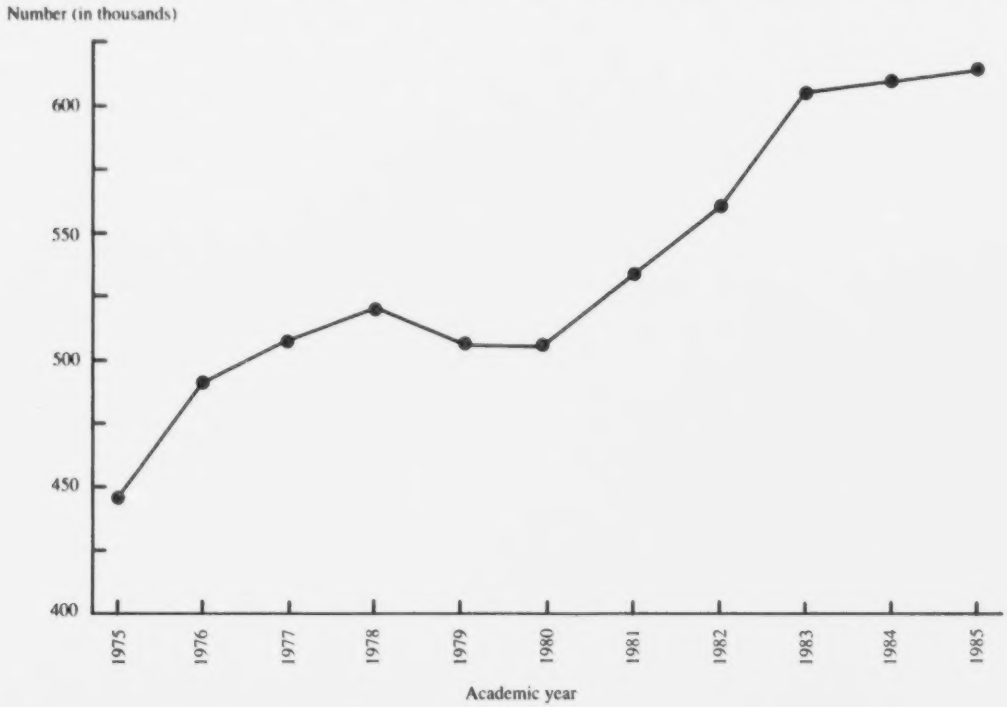
Although both men and women contributed to the 38 percent rise in less-than-4-year awards from 1975 to 1985, women's gains were by far the more impressive (table B). For example, women accounted for almost three-fourths (73.5 percent) of the total increase in such awards during this period. Women also reversed their second-place standing relative to men. In 1975, women received 19,000 fewer less-than-4-year awards than men; by 1985, awards to women surpassed awards to men by 60,600. The large increase in women's awards surfaced primarily at the associate degree level, accounting for almost two-thirds (66.4 percent) of the total increase in women's awards from 1975 to 1985. The growth in less-than-4-year awards to women was triple the growth in awards to men from 1975 to 1985: men's awards increased 19.3 percent while women's awards rose 58.4 percent.[5]

[3]For simplicity, academic years (the period July 1-June 30) will be referred to by the year in which they end. For example, 1974-75 will be referred to as 1975.

[4]All calculations in this report are based on actual, not rounded, figures.

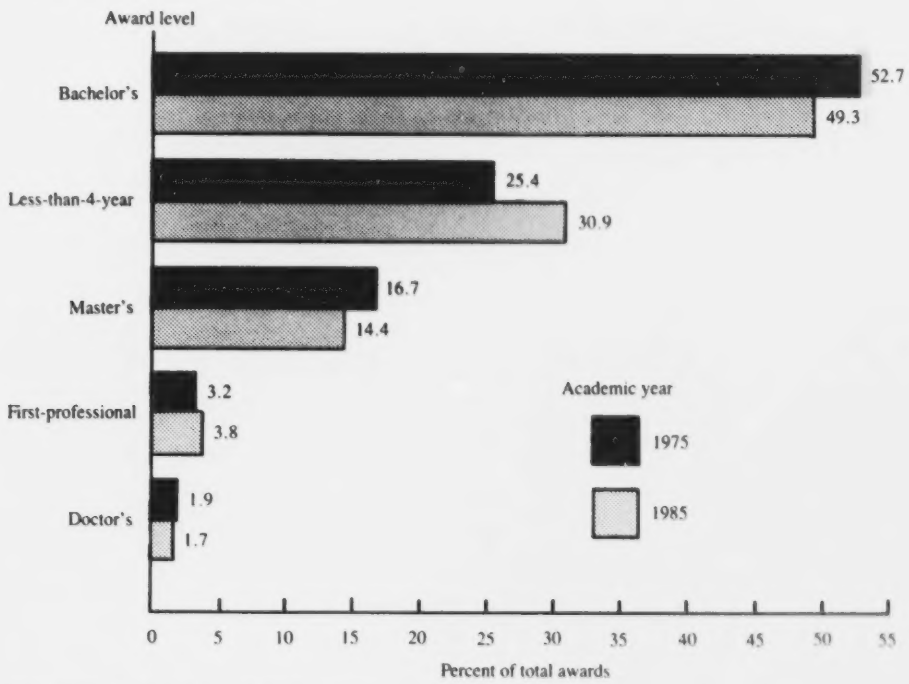
[5]For baccalaureate and higher awards conferred from 1975 to 1985, awards to men declined 5.9 percent, in contrast to the 20.0 percent increase in such awards to women.

Figure 1.—Less-than-4-year awards conferred by institutions of higher education: Academic years 1975-85



SOURCE: Degrees and Other Formal Awards Conferred Surveys, 1975–85.

Figure 2.—Percentage distribution of awards in institutions of higher education, by level of award: Academic years 1975 and 1985



SOURCE: Degrees and Other Formal Awards Conferred surveys, 1975 and 1985.

Table A.—Number and percent change in awards in institutions of higher education, by level of award: 50 States and D.C., academic years 1975 and 1985

Level of award	1975	1985	Percent change
Total, all levels	1,750,700	1,988,500	13.6
Less-than-4-year awards	445,300	614,700	38.0*
Associate degrees	360,200	454,700	26.2
1-but-less-than-4-year awards	85,200	123,700	45.2
Less-than-1-year awards	—	36,400	—
Bachelor's degrees	922,900	979,500	6.1
Master's degrees	292,500	286,300	−2.1
Doctor's degrees	34,100	32,900	−3.3
First-professional degrees	55,900	75,100	34.2

—Not available. The Degrees and Other Formal Awards Conferred survey began collecting these data in 1983.

*Some of this increase is due to the new category of less-than-1-year awards.

Note.—Details may not add to totals due to rounding. Percents are based on actual, not rounded, figures.

SOURCE: U.S. Department of Education, Center for Education Statistics, Degrees and Other Formal Awards Conferred surveys, 1975 and 1985.

Table B.—Number and percent change in less-than-4-year awards in institutions of higher education, by sex of student and level of award: 50 States and D.C., academic years 1975 and 1985

Level of award	1975		1985		Percent change	
	Men	Women	Men	Women	Men	Women
Total	232,200	213,200	277,100	337,700	19.3	58.4
Associate degrees	191,000	169,200	202,900	251,800	6.2	48.8
1-but-less-than-4-year awards	41,200	44,000	58,600	65,100	42.4	47.9
Less-than-1-year awards	—	—	15,500	20,800	—	—

—Not available. The Degrees and Other Formal Awards Conferred survey began collecting these data in 1983.

Note.—Details may not add to totals due to rounding. Percents are based on actual, not rounded, figures.

SOURCE: U.S. Department of Education, Center for Education Statistics, Degrees and Other Formal Awards Conferred surveys, 1975 and 1985.

Less-Than-4-Year Awards, 1983-85

This section emphasizes data on less-than-4-year awards between 1983 and 1985, with highlights of 1985 data. Detailed comparisons of data between these years and previous years are impossible because of two major revisions in 1983 to the Degrees and Other Formal Awards Conferred survey which collects these data. A new award category—postsecondary certificates or diplomas of less than 1 year—was added to the survey, and award data were collected using the new *Classification of Instructional Programs* (CIP) developed by the U.S. Department of Education's Center for Education Statistics (CES).[6]

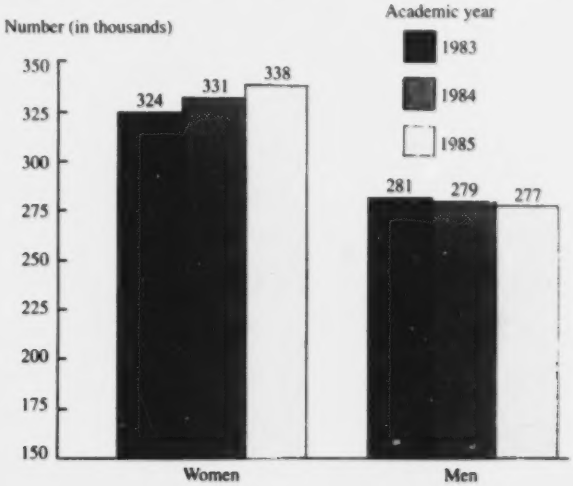
Under CIP, more than 1,000 instructional programs are grouped under 50 fields of study. In this report, data on awards by field of study have been summarized into 30 major fields and 36 miscellaneous subgroupings within those fields, consistent with the presentation of these data in the *Digest of Education Statistics*.[7]

This section is divided into four parts. The first part addresses the combined category of less-than-4-year awards, followed by three parts paralleling the three levels of awards within this category: associate degrees, 1-but-less-than-4-year awards, and less-than-1-year awards.

Less-than-4-year awards (all levels combined)

Following an average annual growth of 4.0 percent from 1975 to 1983, the growth of less-than-4-year awards slowed to an average of .8 percent from 1983 to 1985 (figure 1). Total awards increased from 605,600 in 1983 to 614,700 in 1985, or 1.5 percent (table C). The limited growth in total awards from 1983 to 1985 was due to the decline in the number of awards to men (figure 3). Associate degrees to men declined 2.0 percent and one-but-less-than-4-year awards to men decreased 4.2 percent. In contrast, awards to women increased at all three award levels over the 3 years, for a 4.1 percent overall increase (table C).

Figure 3.—Less-than-4-year awards to men and women in institutions of higher education: Academic years 1983–85



SOURCE: Appendix table 1.0.

[6]The CIP taxonomy is used to classify instructional programs across all postsecondary award levels—from less-than-1-year awards through first-professional degrees—and is the accepted government standard for education information surveys.

[7]A crosswalk between the 50 CIP fields of study and the 30 major fields used in this report is contained in the appendix.

Table C.—Number and percent change in less-than-4-year awards in institutions of higher education, by level of award and by sex of student: 50 States and D.C., academic years 1983-85

Level of award	1983	1984	1985	Percent change 1983-1985
Total	605,600	610,300	614,700	1.5
Men	281,200	279,000	277,100	−1.5
Women	324,500	331,300	337,700	4.1
Associate degrees	456,400	452,400	454,700	−0.4
Men	207,100	202,800	202,900	−2.0
Women	249,300	249,700	251,800	1.0
1-but-less-than-4-year awards	120,000	124,600	123,700	3.0
Men	61,200	61,400	58,600	−4.2
Women	58,800	63,300	65,100	10.6
Less-than-1-year awards	29,100	33,300	36,400	24.8
Men	12,800	14,900	15,500	21.1
Women	16,300	18,400	20,800	27.7

Note.—Details may not add to totals due to rounding. Percents are based on actual, not rounded, figures.

Less-than-4-year awards, by major field of study

Over three-quarters of all less-than-4-year awards can be grouped into four major fields (table D). Awards in business and management, liberal/general studies, health sciences, and engineering technologies accounted for an average of 78.2 percent of all awards from 1983 to 1985. However, awards in liberal/general studies and engineering technologies declined, showing a respective decrease of 2.3 percent and 1.9 percent in awards over the 3-year period. While fewer men and women pursued liberal/general studies, both sexes contributed to the 5.6 percent growth in health sciences awards. Although primarily a field in which women predominate (with an average of 87.1 percent of such awards going to women from 1983 to 1985), health sciences awards to men increased 12.9 percent from 1983 to 1985, from 12,600 to 14,200.

Among men, over two-thirds of all awards were in the three major fields of engineering technologies, business and management, and liberal/general studies (table D). These fields accounted for an average of 69.0 percent of all awards to men from 1983 to 1985. Although the most popular major field for men was engineering technologies, the 1.1 percent decline in this category closely paralleled the overall decline in total awards to men noted earlier (table C). However, the declines in business and management awards (-3.2 percent) and in liberal/general studies (-3.7 percent) were even larger.

Among women, more than three-quarters of all awards (or an average of 79.5 percent from 1983 to 1985) were conferred in business and management, health sciences, and liberal/general studies (table D). Awards to women were highest in business and management, with an average of 111,200 conferrals from 1983 to 1985. The 9.4 percent growth in these awards to women was more than double the 4.1 percent growth in total awards to women. Awards to women in liberal/general studies followed a divergent trend, declining 1.2 percent over the 3-year period.

Academic year 1985: Less-than-4-year awards, by instructional program[8] and major field of study

The top-ranked instructional program was liberal arts and sciences, which conferred 101,500 awards in 1985 and accounted for 16.5 percent of all less-than-4-year awards (appendix table 3.0). This curriculum is generally pursued

[8]Instructional programs are identified under CIP by unique 6-digit codes. The codes of programs referred to in this report are provided in appendix tables 3.0 to 3.11. The codes and programs are derived from the original CIP publication, *A Classification of Instructional Programs*, Washington, D.C., U.S. Government Printing Office, 1981. A complete list of the 1,000 instructional programs under CIP by their fields of study is available in *Classification of Instructional Programs (CIP): 1985 Update*, Washington, D.C., U.S. Government Printing Office, 1987.

by students who plan to enroll in baccalaureate programs. Thus, a sizable proportion of awards at the less-than-4-year level are non-occupational in character.

General nursing and electronic technology were the second- and third-ranked instructional programs, with 40,900 and 25,300 awards, respectively. A business and management program—general business administration and management—ranked fourth, with 20,300 awards. Programs in this major field occupied 17 of the top 50 ranks, substantially higher than all other fields.

The largest number of awards to men (45,100) also occurred in the liberal arts and sciences instructional program (appendix table 3.1). Electronic technology came in second, with 23,500 awards. Programs in the field of business and management occupied five of the top 10 ranks, with awards in general business administration and management the most numerous, at 9,300. Instructional programs in the field of engineering technologies occupied 21 of the top 50 ranks. The field of protective services ranked in the top 10 with its law enforcement program, which conferred 3,400 awards.

Traditionally, men have received more awards in mechanically and technically-oriented programs. Of the top 50 programs for men in 1985, almost half were mechanical or technical in content (appendix table 3.1), in contrast to about 10 such programs for women (appendix table 3.2). One notable exception to traditional male awards is general nursing, which ranked 12th in all awards to men. Over 3,100 such awards were conferred in 1985, up from 2,600 in 1983 (appendix table 1.0).

For women, the number one instructional program was also liberal arts and sciences, in which 56,400 awards were conferred in 1985 (appendix table 3.2). Health sciences programs—general nursing and practical nursing—ranked second and third, with combined awards of 52,200. However, business and management programs occupied six of the top 10 ranks, with awards in general secretarial and related programs the most popular in this field.

Table D.—Number and percentage distribution of less-than-4-year awards for top-ranking fields of study, by sex of student: 50 States and D.C., academic years 1983-85

Field of study	1983		1984		1985	
	Number of awards	Percent of total	Number of awards	Percent of total	Number of awards	Percent of total
			Top-ranking fields in awards to men and women			
Total, all awards	605,600	100.0	610,300	100.0	614,700	100.0
Business and management	161,900	26.7	166,200	27.2	170,200	27.7
Liberal/general studies	110,400	18.2	109,500	17.9	107,800	17.5
Health sciences	101,600	16.8	107,100	17.6	107,200	17.4
Engineering technologies	97,900	16.2	95,000	15.6	96,000	15.6
Other fields	133,900	22.1	132,500	21.7	133,500	21.7
			Top-ranking fields in awards to men			
Total, all awards	281,200	100.0	279,000	100.0	277,100	100.0
Engineering technologies	89,800	31.9	87,600	31.4	88,800	32.1
Business and management	55,400	19.7	55,800	20.0	53,600	19.4
Liberal/general studies	49,700	17.7	49,400	17.7	47,900	17.3
Other fields	86,300	30.7	86,300	30.9	86,700	31.3
			Top-ranking fields in awards to women			
Total, all awards	324,500	100.0	331,300	100.0	337,700	100.0
Business and management	106,500	32.8	110,500	33.3	116,600	34.5
Health sciences	89,000	27.4	93,300	28.1	93,100	27.6
Liberal/general studies	60,700	18.7	60,100	18.1	59,900	17.7
Other fields	68,300	21.0	67,500	20.4	68,200	20.2

Note.—Details may not add to totals due to rounding. Percents are based on actual, not rounded, figures.
SOURCE: Appendix table 1.0.

Awards to women also followed traditional patterns, with about half of the top 50 instructional programs falling into clerical/secretarial and service-oriented areas (appendix table 3.2). One interesting finding was in the field of engineering technologies. Although only 2.1 percent of all awards to women were in this field, compared to 32.1 percent for men (table 1.0), women earned 1,800 awards in the non-traditional instructional program of electronic technology (appendix table 3.2)—far fewer than the 23,500 awards to men in this program (appendix table 3.1), but almost equal to the 1,900 awards to men in the closely allied program of electrical technology (appendix table 3.1).

Associate degrees

Associate degrees accounted for an average of 74.5 percent of all less-than-4-year awards between 1983 and 1985 (table C). Of the three award levels, only associate degrees declined in number—dropping from 456,400 in 1983 to 454,700 in 1985. The nominal decrease of .4 percent was due entirely to the 2.0 percent loss in awards to men—from 207,100 awards in 1983 to 202,900 awards in 1985 (appendix table 1.1). Associate degrees to women (who averaged 55.1 percent of all such awards from 1983 to 1985) rose slightly over this same period, from 249,300 in 1983 to 251,800 in 1985, or 1.0 percent.

Associate degrees, by major field of study

The most popular fields of study at the associate degree level were identical to those for all less-than-4-year awards combined. Business and management, liberal/general studies, health sciences, and engineering technologies accounted for an average of 78.1 percent of all associate degrees between 1983 and 1985 (table E). Of these fields, only liberal/general studies decreased in awards over the 3 years, from 109,600 to 106,400, or 2.9 percent.

The most popular fields of study pursued by men and women also paralleled those for all less-than-4-year awards combined. An average of 70.8 percent of all associate degrees awarded to men between 1983 and 1985 were in the combined fields of engineering technologies, liberal/general studies, and business and management. Engineering technologies was the only major field among these three fields to show an increase in awards to men during this period, rising 2.4 percent. For women, business and management, health sciences, and liberal/general studies accounted for an average of 78.8 percent of all associate degrees between 1983 and 1985. Of these fields, only awards in liberal/general studies decreased, dropping 1.7 percent from 1983 to 1985.

Academic year 1985: Associate degrees, by instructional program and major field of study

Liberal arts and sciences was the number one instructional program at the associate degree level, accounting for 100,500 awards, or 22.1 percent of all awards at this level (appendix table 3.3). General nursing ranked second, with 8.9 percent of the total. With the exception of electronic technology, ranking fourth, all other programs in the top 10 were in the field of business and management.

The largest number of awards to men (44,600) also occurred in the liberal arts and sciences program, which comprised 22.0 percent of all associate degrees awarded to men (appendix tables 3.4 and 1.1). General nursing was among the top 10 programs, ranking eighth. Two instructional programs in the field of protective services also ranked in the upper 10—law enforcement and criminal justice technology—with combined awards of 5,600. Over half of the top 50 programs in awards to men were in the fields of business and management and engineering technologies.

Liberal arts and sciences was also the number one instructional program for women, accounting for 55,900 associate degrees, or 22.2 percent of all such degrees awarded to women (appendix tables 3.5 and 1.1). Eight of the top 10 programs were in the field of business and management. Law enforcement and electronic technology appeared among the top 50 programs for women. Over half of the top 50 programs were in the fields of business and management and health sciences.

Table E.—Number and percentage distribution of associate degrees in top-ranking fields of study, by sex of student: 50 States and D.C., academic years 1983-85

Field of study	1983		1984		1985	
	Number of awards	Percent of total	Number of awards	Percent of total	Number of awards	Percent of total
			Top-ranking fields in awards to men and women			
Total, all awards	456,400	100.0	452,400	100.0	454,700	100.0
Business and management	120,200	26.3	120,000	26.5	120,700	26.6
Liberal/general studies	109,600	24.0	108,000	23.9	106,400	23.4
Health sciences	66,400	14.6	68,300	15.1	68,500	15.1
Engineering technologies	58,900	12.9	57,700	12.8	60,000	13.2
Other fields	101,200	22.2	98,400	21.7	99,200	21.8
			Top-ranking fields in awards to men			
Total, all awards	207,100	100.0	202,800	100.0	202,900	100.0
Engineering technologies	53,600	25.9	52,800	26.0	54,900	27.0
Liberal/general studies	49,400	23.8	48,600	23.9	47,200	23.2
Business and management	44,000	21.3	42,500	21.0	41,300	20.4
Other fields	60,200	29.1	58,900	29.1	59,500	29.3
			Top-ranking fields in awards to women			
Total, all awards	249,300	100.0	249,700	100.0	251,800	100.0
Business and management	76,200	30.6	77,500	31.1	79,400	31.5
Health sciences	58,700	23.6	60,300	24.2	60,300	24.0
Liberal/general studies	60,300	24.2	59,500	23.8	59,200	23.5
Other fields	54,100	21.7	52,400	21.0	52,800	21.0

Note.—Details may not add to totals due to rounding. Percents are based on actual, not rounded, figures.
SOURCE: Appendix table 1.1.

One-but-less-than-4-year awards

One-but-less-than-4-year awards accounted for an average of 20.1 percent of all less-than-4-year awards between 1983 and 1985 (table C). These awards increased from 120,000 to 123,700 during this period, or 3.0 percent. While 1-but-less-than-4-year awards to women increased by 6,200, awards to men at this level declined by 2,600 (appendix table 1.2). In contrast to 1983, when awards to women at this level comprised just under half (49.0 percent) of total 1-but-less-than-4-year awards, by 1985, these awards to women were in the majority (52.6 percent).

One-but-less-than-4-year awards, by major field of study

Four major fields of study captured the vast majority of awards at the 1-but-less-than-4-year level. Business and management, engineering technologies, health sciences, and visual and performing arts accounted for an average of 86.5 percent of all awards at this level between 1983 and 1985 (table F). Of these fields, engineering technologies and visual and performing arts decreased in awards over the three years, suffering net losses of 2,900 awards and 2,100 awards, respectively.

The majority of awards to men fell into three major fields—business and management, engineering technologies, and visual and performing arts—which averaged four-fifths of all awards to men at this level (80.9 percent) from 1983

to 1985. Awards in engineering technologies decreased by 2,300, in contrast to the gain of 1,300 awards at the associate degree level in this major field.

Four-fifths of all awards to women fell into two major fields of study—business and management and health sciences. These two fields accounted for an average of 80.7 percent of all 1-but-less-than-4-year awards to women from 1983 to 1985. Awards in business and management increased more rapidly than those in health sciences, with a net gain of 5,300 awards in the former field compared to 800 in the latter.

Academic year 1985: 1-but-less-than-4-year awards, by instructional program and major field of study

Practical nursing was the top-ranked instructional program, accounting for almost 10 percent of all 1-but-less-than-4-year awards (appendix table 3.6). Two other health sciences programs—nursing assisting and dental assisting—also ranked in the upper 10 programs.

Electronic technology was the number one program in awards to men, with 6,500 awards (appendix table 3.7). Programs in the field of engineering technologies accounted for 7 of the top 10 programs and half of the top 50 programs.

Practical nursing was the number one instructional program for women, and accounted for 17.9 percent of all awards to women at this level (appendix tables 3.8 and 1.2). Other health sciences programs in the top 10 were nursing assisting, dental assisting, and medical assisting. General secretarial and related programs ranked second in awards, and cosmetology ranked third.

Table F.—Number and percentage distribution of 1-but-less-than-4-year awards in top-ranking fields of study, by sex of student: 50 States and D.C., academic years 1983-85

Field of study	1983		1984		1985	
	Number of awards	Percent of total	Number of awards	Percent of total	Number of awards	Percent of total
			Top-ranking fields in awards to men and women			
Total, all awards	120,000	100.0	124,600	100.0	123,700	100.0
Engineering technologies	34,100	28.4	32,400	26.0	31,200	25.2
Business and management	33,300	27.7	37,100	29.8	39,000	31.5
Health sciences	25,900	21.6	28,400	22.8	27,200	22.0
Visual and performing arts	11,000	9.2	9,800	7.9	8,900	7.2
Other fields	15,700	13.0	17,000	13.6	17,300	14.0
			Top-ranking fields in awards to men			
Total, all awards	61,200	100.0	61,400	100.0	58,600	100.0
Engineering technologies	31,900	52.2	30,600	49.8	29,600	50.6
Business and management	9,300	15.2	10,800	17.6	9,700	16.6
Visual and performing arts	9,200	15.1	8,100	13.2	7,300	12.5
Other fields	10,800	17.6	11,900	19.4	11,900	20.3
			Top-ranking fields in awards to women			
Total, all awards	58,800	100.0	63,300	100.0	65,100	100.0
Business and management	24,000	40.8	26,300	41.6	29,300	45.0
Health sciences	22,900	38.9	24,800	39.2	23,700	36.4
Other fields	12,000	20.3	12,100	19.1	12,100	18.6

Note.—Details may not add to totals due to rounding. Percents are based on actual, not rounded, figures.
SOURCE: Appendix table 1.2.

Less-than-1-year awards

As noted previously, this level of awards was new to the Degrees and Other Formal Awards Conferred survey in 1983. The smallest of the three levels of less-than-4-year awards, it accounted for an average of 5.4 percent of all such awards between 1983 and 1985 (table C). Less-than-1-year awards increased from 29,100 to 36,400 over these three years—a net gain of 7,200 awards. Awards to women, in the majority at this level, averaged 56.2 percent of the total (appendix table 1.3). This was the only category of less-than-4-year awards in which men achieved overall gains from 1983 to 1985. During this period, less-than-1-year awards to men rose from 12,800 to 15,500—a net gain of 2,700 awards. The number of awards to women rose by 4,500—from 16,300 in 1983 to 20,800 in 1985.

Less-than-1-year awards, by major field of study

Three-quarters of all awards at the less-than-1-year level were in the fields of business and management, engineering technologies, and health sciences, which accounted for an average of 74.8 percent of all less-than- 1-year awards from 1983 to 1985 (table G). All three fields increased in awards during this period, although the gain in engineering technologies was miniscule—a net gain of 11 awards—in contrast to health sciences, which netted 2,300 additional awards, and business and management, which gained 2,100 awards.

Most awards to men at this level were in the major fields of engineering technologies, business and management, and the health sciences, which accounted for an average of 62.1 percent of all awards to men at this level from 1983 to 1985. Awards in engineering technologies stabilized at 4,300 over the three years, while awards in business and management and health sciences made respective net gains of 500 awards and 700 awards.

The vast majority of awards to women fell into two major fields, business and management and health sciences, identical to the 1-but-less- than-4-year level. Awards in these two fields accounted for an average of 81.6 percent of all awards to women at this level over the 3-year period. Although the average number of awards to women was slightly higher in health sciences than in business and management, both fields showed net increases of 1,600 awards from 1983 to 1985.

Academic year 1985: Less-than-1-year awards, by instructional program and major field of study

Nursing assisting was the number one instructional program at this level and accounted for just over 10 percent of all less-than-1-year awards (appendix table 3.9). Emergency medical technician-ambulance ranked second, with 2,500 awards. Programs in the fields of health sciences and business and management accounted for 9 of the top 10 instructional programs in number of awards, and 29 of the top 50 programs at the less- than-1-year level.

The largest number of awards to men (1,600) was in the emergency medical technician-ambulance program (appendix table 3.10). Truck and bus driving ranked second with 1,100 awards. Of the top 50 programs, nearly half were in the field of engineering technologies.

The largest number of awards to women (3,400) was in nursing assisting, and five of the top 10 programs were in the field of health sciences (appendix table 3.11). Just over half of the top 50 programs for women at this level were in the field of business and management, with the remaining programs distributed across several other fields.

Table G.—Number and percentage distribution of less-than-1-year awards in top-ranking fields of study, by sex of student: 50 States and D.C., academic years 1983-85

Field of study	1983		1984		1985	
	Number of awards	Percent of total	Number of awards	Percent of total	Number of awards	Percent of total
			Top-ranking fields in awards to men and women			
Total, all awards	29,100	100.0	33,300	100.0	36,400	100.0
Health sciences	9,300	31.8	10,500	31.5	11,600	31.8
Business and management	8,400	28.7	9,100	27.3	10,400	28.7
Engineering technologies	4,800	16.6	4,900	14.7	4,800	13.3
Other fields	6,700	23.0	8,800	26.4	9,500	26.2
			Top-ranking fields in awards to men			
Total, all awards	12,800	100.0	14,900	100.0	15,500	100.0
Engineering technologies	4,300	33.4	4,300	28.8	4,300	27.6
Business and management	2,100	16.4	2,500	16.7	2,600	16.6
Health sciences	1,800	14.3	2,400	15.9	2,600	16.6
Other fields	4,600	36.0	5,700	38.6	6,100	39.2
			Top-ranking fields in awards to women			
Total, all awards	16,300	100.0	18,400	100.0	20,800	100.0
Health sciences	7,400	45.5	8,100	44.2	9,000	43.2
Business and management	6,300	38.3	6,600	35.9	7,800	37.7
Other fields	2,600	16.1	3,700	19.9	4,000	19.1

Note.—Details may not add to totals due to rounding. Percents are based on actual, not rounded, figures.
SOURCE: Appendix table 1.3.

State Findings: Academic Year 1985

Conferrals of less-than-4-year awards varied widely by State, influenced by factors such as State demographics and the number and enrollment size of higher education institutions. In total conferrals, California, New York, Florida, and Illinois were the top-ranked States, in that order (appendix table 2.0). Total awards ranged from a high of 75,900 in California to a low of 800 in Alaska and Montana.

The less-than-1-year award level was the only category to show zero conferrals in some States (appendix table 2.0). These States may have institutions which confer such awards, but do not meet the eligibility criteria for inclusion in the Degrees and Other Formal Awards Conferred survey which collected the data for this report. (See foreword and survey methodology sections of this report.)

The top four States in conferrals of less-than-4-year awards by private institutions were New York, Pennsylvania, Ohio, and Massachusetts (appendix table 2.2). Together, these States accounted for over one-third (38.8 percent) of all such awards. In the public sector, institutions in California, New York, Florida, and Texas comprised over one-third (35.4 percent) of all such awards (appendix table 2.1).

Table H lists the top 10 States in conferrals of less-than-4-year awards at each award level. California, New York, and Texas were the only States to appear among the top 10 at each level.

Table H.—Top 10 States conferring less-than-4-year awards in institutions of higher education, by level of award, State, and number of awards: Academic year 1985

Level of award					
Less-than-1-year awards		1-but-less-than-4-year awards		Associate degrees	
Florida	4,800	California	16,700	California	55,200
California	3,900	Illinois	11,100	New York	50,000
Wisconsin	2,400	Pennsylvania	9,000	Florida	32,800
Iowa	2,300	New York	7,500	Illinois	23,400
Indiana	2,300	Texas	7,500	Michigan	22,900
Arizona	2,100	Wisconsin	6,100	Texas	21,500
Texas	1,800	Ohio	5,800	Pennsylvania	19,200
Minnesota	1,600	North Carolina	5,000	Ohio	18,900
New York	1,300	Michigan	4,800	Massachusetts	14,800
Alabama	1,200	Alabama	4,600	North Carolina	11,100

SOURCE: Appendix table 2.0.

Institutional Findings: Academic Year 1985

The number of institutions of higher education granting less-than-4-year awards varied considerably at each award level (table I). Less-than-1-year awards were granted by only 13.2 percent of all institutions. In contrast, 61.3 percent of all institutions granted associate degrees.

As expected, more 2-year than 4-year institutions conferred awards at each award level. For example, at the less-than-1-year award level, 26.9 percent of all 2-year institutions, versus 4.1 percent of all 4-year institutions, granted such awards. Associate degrees showed an even wider gap by institutional level: 96.6 percent of 2-year institutions awarded associate degrees, versus 37.9 percent of 4-year institutions.

At the 2-year level, public institutions were more likely than private institutions to grant all three levels of less-than-4-year awards. The greatest difference was at the 1-but-less-than-4-year award level: only 48.0 percent of private institutions conferred such awards, versus 80.1 percent of public institutions. Public and private 2-year institutions were much closer in associate degree conferrals. At the public level, 98.0 percent awarded associate degrees, trailed closely by private institutions, 93.0 percent of which granted these degrees.

Table I.—Institutions of higher education conferring less-than-4-year awards, by level of award, and by control and level of institution: 50 States and D.C., academic year 1985

Control and level	Number of institutions granting less-than-4-year awards	Level of award					
		Less-than-1-year awards		1-but-less-than-4-year awards		Associate degrees	
		Number granting awards	Percent granting awards	Number granting awards	Percent granting awards	Number granting awards	Percent granting awards
All institutions	3,280	430	13.2	1,270	38.6	2,010	61.3
4-year	1,970	80	4.1	340	17.2	750	37.9
2-year	1,310	350	26.9	930	71.0	1,260	96.6
Public	1,500	310	20.7	850	57.1	1,170	78.2
4-year	560	20	3.8	110	18.8	250	45.2
2-year	940	290	30.8	750	80.1	920	98.0
Private	1,780	120	6.9	410	23.1	840	47.1
4-year	1,410	60	4.2	230	16.5	490	35.0
2-year	370	60	17.0	180	48.0	350	93.0

Note.—Details may not add to totals due to rounding. Percents are based on actual, not rounded, figures.
SOURCE: Degrees and Other Formal Awards Conferred survey, 1985.

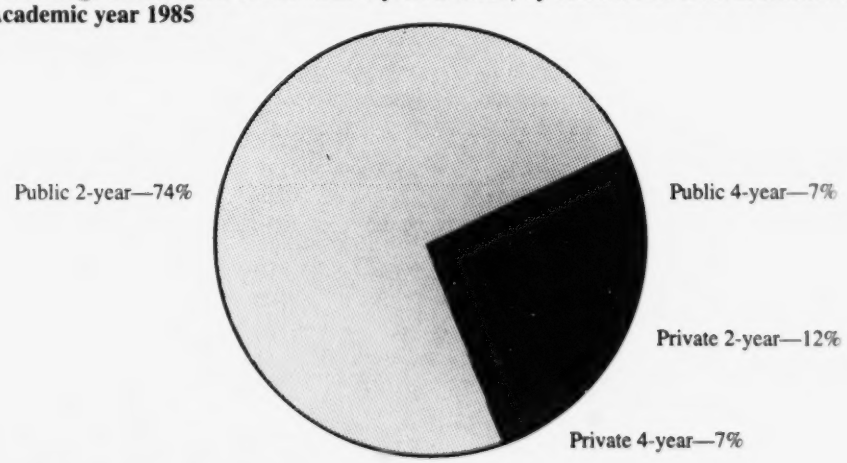
Public 2-year institutions also granted the largest number of less-than-4-year awards (table J and figure 4). In academic year 1985, 453,900 of the total awards, or 73.8 percent, were conferred by these institutions. Private 2-year institutions were a distant second, granting 11.7 percent of all such awards. Private 4-year institutions edged out public 4-year institutions by a slight margin, 7.4 percent compared to 7.1 percent.

Table J.—Number of less-than-4-year awards in institutions of higher education, by level of award, and by control and level of institution: 50 States and D.C., academic year 1985

Control and level	Total awards	Level of award		
		Less-than-1-year awards	1-but-less-than-4-year awards	Associate degrees
All institutions	614,700	36,400	123,700	454,700
4-year	88,800	5,200	19,600	64,100
2-year	525,900	31,200	104,100	390,600
Public	497,400	29,500	90,300	377,600
4-year	43,500	1,800	6,700	35,000
2-year	453,900	27,700	83,600	342,600
Private	117,400	6,900	33,400	77,100
4-year	45,300	3,300	12,900	29,100
2-year	72,100	3,500	20,600	48,000
Nonprofit	64,200	3,400	13,600	47,200
4-year	37,100	2,900	9,600	24,600
2-year	27,100	500	4,000	22,600
For-profit	53,200	3,500	19,900	29,900
4-year	8,200	500	3,300	4,500
2-year	45,000	3,000	16,600	25,400

Note.—Details may not add to totals due to rounding.
SOURCE: Degrees and Other Formal Awards Conferred survey, 1985.

Figure 4.—Percentage distribution of less-than-4-year awards, by control and level of institution: Academic year 1985



SOURCE: Degrees and Other Formal Awards Conferred survey, 1985.

The top 50 institutions in conferrals of less-than-4-year awards are listed in table 4.0. Miami-Dade Community College in Florida ranked number one in the nation with 5,200 awards, granting almost 500 more awards than The American College in Pennsylvania, which ranked second. Eighty-six percent of the top 50 institutions were 2-year public institutions, of which over two-thirds were community or junior colleges. The four 4-year institutions on the list were split evenly between the public and private sectors. The top 50 institutions awarding associate degrees, 1-but-less-than-4-year awards, and less-than-1-year awards are listed in tables 4.1 to 4.3, respectively.

Occupational Outlook of Top-Ranking Instructional Programs in Academic Year 1985

Twenty-seven of the top 50 instructional programs (less-than-4-year awards combined) in academic year 1985 were linked to specific occupations, using the *Vocational Preparation and Occupations Handbook* published in 1979 by the National Occupational Information Coordinating Committee. These occupations were examined in terms of their employment outlook, as published in the 1981 edition of the *Occupational Outlook Handbook*, which forecasted expected employment opportunities through the 1980's. Table K lists the instructional programs, in descending order of total awards in 1985, and their employment outlook. With few exceptions, the popularity of these programs is supported by their employment prospects.

The *Occupational Outlook Handbook* describes prospective job opportunities in terms of the expected demand-supply relationship. The precise terms used in the *Handbook* are as follows:

Excellent	Demand much greater than supply
Very good	Demand greater than supply
Good or favorable	Rough balance between demand and supply
May face competition	Likelihood of more supply than demand
Keen competition	Supply greater than demand

Table K.—Employment outlook of top-ranking instructional programs in number of awards conferred (less-than-4-year awards combined) by institutions of higher education: 50 States and D.C., academic year 1985

Rank among 1985 awards	Instructional program and code		Employment outlook
2	18.1101	Nursing, general	Good
3	15.0303	Electronic technology	Good
5	17.0605	Practical nursing	Very good
11	07.0305	Business data programming	Good
12	17.0602	Nursing assisting	Good
13	07.0606	Secretarial	Good
17	47.0604	Automotive mechanics	Good
20	11.0201	Computer programming	Good
21	17.0503	Medical assisting	Good
22	07.0608	Word processing	May face competition
23	12.0403	Cosmetology	May face competition
24	43.0105	Criminal justice technology	May face competition
25	43.0107	Law enforcement	May face competition
28	08.0102	Fashion merchandising	Good
29	07.0603	Executive secretarial	Good
31	17.0209	Radiologic (medical technology)	Good
33	17.0101	Dental assisting	Excellent
35	17.0102	Dental hygiene	Very good
36	17.0205	Emergency medical technology-ambulance	Good
37	48.0503	Machine tool operation/machine shop	May face competition
38	48.0508	Welding, brazing, and soldering	Good
41	17.0309	Medical laboratory technology	Good
42	48.0203	Commercial art	Good
43	15.0801	Aeronautical technology	Good
44	47.0605	Diesel engine mechanics	Good
48	07.0604	Legal secretarial	Good
50	15.0805	Mechanical design technology	Good

Appendix

Survey Methodology

This report highlights final data on less-than-4-year awards by institutions of higher education for academic years 1975 and 1983 to 1985, provided by the annual Degrees and Other Formal Awards Conferred survey. This survey is part of the Higher Education General Information Survey (HEGIS).

Data were collected on less-than-4-year awards granted by institutions of higher education between July 1 and June 30 of each survey year. The universe of 1,807 institutions in 1975 and 3,379 institutions in 1985 was determined by the HEGIS survey of Institutional Characteristics, conducted annually. In 1985, the universe comprised 3,337 degree-granting institutions and 42 rabbinical schools, which do not confer formal awards. Reports were received from 3,019 institutions.

Survey data were edited for major reporting and processing errors, as well as consistency with the previous year's response. Institutions were contacted when problems could not be resolved by survey editors. Imputations using the previous year's data were made for 276 nonrespondent institutions. The remaining 42 nonrespondents' records were zero-filled because the institutions were new to the HEGIS universe in 1984 or 1985 and did not respond to either survey. These institutions are small, and thus the total number of degrees and other awards conferred by the institutions would not have significantly changed the overall findings.

In 1983, two major revisions were made to the survey. A new award category—postsecondary certificates or diplomas of less than 1 year—was added to the survey, and award data were collected using the new *Classification of Instructional Programs* (CIP) developed by the U.S. Department of Education's Center for Education Statistics (CES). Under CIP, more than 1,000 instructional programs are grouped under 50 fields of study. In this report, data on awards by field of study have been summarized into 30 major fields and 36 miscellaneous subgroupings under those fields, consistent with the presentation of these data in the *Digest of Education Statistics*. A crosswalk between these major fields of study and the CIP fields is provided on pages 22-24 of this appendix.

In this report, *less-than-4-year awards* is a combined category which includes the following three levels:

Associate degree. An award that normally requires at least 2 but less than 4 academic years of full-time-equivalent college work.

1-but-less-than-4-year award. An award that requires completion of an organized program of study at the postsecondary level consisting of at least 1 but less than 4 academic years of full- time-equivalent college work. *This category does not include associate degrees.*

Less-than-1-year award. An award that requires completion of an organized program of study at the postsecondary level consisting of less than 1 academic year of full-time-equivalent college work.

Crosswalk between appendix tables 1.0 to 1.3 and the Classification of Instructional Programs (CIP)

Fields of study in appendix tables 1.0 to 1.3	Fields of study in CIP*
Agriculture and natural resources, total	01 - Agribusiness and agricultural production, plus 02 - Agricultural sciences, plus 03 - Renewable natural resources
Agricultural business and agricultural production	01 - Agribusiness and agricultural production
Agricultural science	02 - Agricultural sciences
Renewable natural resources	03 - Renewable natural resources
Architecture and environmental design	04 - Architecture and environmental design
Area and ethnic studies	05 - Area and ethnic studies
Business and Management	06 - Business and management, plus 07 - Business and office, plus 08 - Marketing and distribution, plus 12 - Consumer, personal, and miscellaneous services
Accounting	06.0201 - Accounting
Business and management, general	06.01 - Business and management, general
Business administration and management	06.0401 - Business administration and management, general
Business and management, other	06 - Balance of programs in this field
Business data processing	07.03 - Business data processing and related programs
Secretarial and related programs	07.06 - Secretarial and related programs, plus 07.07 - Typing, general office, and related programs
Business and office, other	07 - Balance of programs in this field
Marketing and distribution	08 - Marketing and distribution
Consumer and personal services	12 - Consumer, personal, and miscellaneous services
Communications	09 - Communications
Communications technologies	10 - Communication technologies
Computer and information sciences	11 - Computer and information sciences
Education	13 - Education
Engineering	14 - Engineering
Engineering technologies	47 - Mechanics and repairers, plus 46 - Construction trades, plus 15 - Engineering and engineering-related technologies
Mechanics and repairers	47 - Mechanics and repairers
Construction trades	46 - Construction trades
Engineering technologies, other	15 - Engineering and engineering-related technologies
Foreign languages	16 - Foreign languages
Health sciences	17 - Allied health, plus 18 - Health sciences
Dental assisting	17.01 - Dental services
Emergency medical technician-ambulance	17.0205 - Emergency medical technology-ambulance
Emergency medical technician-paramedic	17.0206 - Emergency medical technology-paramedic

*The codes and titles in this column correspond to those in the orginal CIP publication, *A Classification of Instructional Programs*, Washington, D.C., U.S. Government Printing Office, 1981.

Crosswalk between appendix tables 1.0 to 1.3 and the Classification of Instructional Programs (CIP) —*Continued*

Fields of study in appendix tables 1.0 to 1.3	Fields of study in CIP*
Medical lab technician	17.0309 - Medical laboratory technology
Medical assisting	17.0503 - Medical assisting
Nursing assisting	17.0602 - Nursing assisting
Practical nursing	17.0605 - Practical nursing
Nursing, general	18.1101 - Nursing, general
Health sciences, other	17 - Balance of programs in this field, plus 18 - Balance of programs in this field
Home economics	19 - Home economics, plus 20 - Vocational home economics
Law	22 - Law
Letters	23 - Letters
Liberal/general studies	24 - Liberal/general studies
Library and archival sciences	25 - Library and archival sciences
Life sciences	26 - Life sciences
Mathematics	27 - Mathematics
Military sciences	28 - Military sciences, plus 29 - Military technologies
Multi/interdisciplinary studies	30 - Multi/interdisciplinary studies
Parks and recreation	31 - Parks and recreation
Philosophy and religion	38 - Philosophy and religion
Theology	39 - Theology
Physical sciences	41 - Science technologies, plus 40 - Physical sciences
Science technologies	41 - Science technologies
Physical sciences, other	40 - Physical sciences
Psychology	42 - Psychology
Protective services	43 - Protective services
Criminal justice administration and studies	43.0103 - Criminal justice administration, plus 43.0104 - Criminal justice studies, plus 43.0105 - Criminal justice technology, plus 43.0199 - Criminal justice, other
Law enforcement and security services	43.0107 - Law enforcement, plus 43.0108 - Law enforcement administration, plus 43.0109 - Security services
Fire control and safety	43.02 - Fire protection
Protective services, other	43 - Balance of programs in this field

*The codes and titles in this column correspond to those in the orginal CIP publication, *A Classification of Instructional Programs*, Washington, D.C., U.S. Government Printing Office, 1981.

Crosswalk between appendix tables 1.0 to 1.3 and the Classification of Instructional Programs (CIP) —*Continued*

Fields of study in appendix tables 1.0 to 1.3	Fields of study in CIP*
Public affairs	49 - Transportation and material moving, plus 44 - Public affairs
Transportation and material moving	49 - Transportation and material moving
Public affairs, other	44 - Public affairs
Social sciences	45 - Social sciences
Visual and performing arts	50 - Visual and performing arts, plus 48 - Precision production
Fine arts, general	50.0701 - Fine arts, general
Graphic arts technician	50.0801 - Graphic arts technology
Precision production	48 - Precision production
Visual and performing arts, other	50 - Balance of programs in this field

*The codes and titles in this column correspond to those in the orginal CIP publication, *A Classification of Instructional Programs*, Washington, D.C., U.S. Government Printing Office, 1981.

Table 1.0.—Less-than-4-year awards conferred in institutions of higher education, by sex of student and field of study: 50 States and D.C., academic years 1983-85

Field of study	1983			1984			1985		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Total	605,605	281,151	324,454	610,332	279,002	331,330	614,749	277,060	337,689
Agriculture and natural resources	11,672	8,130	3,542	10,641	7,565	3,076	10,466	7,364	3,102
Agricultural business and agricultural production	7,608	5,559	2,049	7,257	5,315	1,942	7,272	5,344	1,928
Agricultural science	2,343	1,193	1,150	2,015	1,138	877	2,017	1,077	940
Renewable natural resources	1,721	1,378	343	1,369	1,112	257	1,177	943	234
Architecture and environmental design	2,012	365	1,647	1,927	302	1,625	1,939	338	1,601
Area and ethnic studies	60	25	35	64	25	39	69	20	49
Business and management	161,885	55,388	106,497	166,238	55,754	110,484	170,170	53,615	116,555
Accounting	7,071	2,280	4,791	7,099	2,210	4,889	6,331	2,015	4,316
Business and management, general	15,022	7,179	7,843	14,973	6,981	7,992	13,823	6,121	7,702
Business administration and management	20,561	10,290	10,271	19,372	9,379	9,993	20,317	9,340	10,977
Business and management, other	18,765	12,411	6,354	21,009	13,737	7,272	19,801	11,542	6,449
Business data processing	21,347	8,929	12,418	24,508	10,280	14,228	24,393	10,227	14,166
Secretarial and related programs	36,019	537	35,482	37,063	715	36,348	40,400	898	39,502
Business and office, other	18,455	6,232	12,223	17,644	5,572	12,072	18,913	5,512	13,401
Marketing and distribution	19,291	6,278	13,013	18,924	5,703	13,221	19,578	5,641	13,937
Consumer and personal services	5,354	1,252	4,102	5,646	1,177	4,469	6,614	1,381	5,233
Communications	2,191	1,091	1,100	2,055	1,113	942	2,048	1,112	936
Communications technologies	2,118	1,293	825	2,107	1,251	856	2,532	1,649	883
Computer and information sciences	12,970	6,420	6,550	16,111	8,193	7,918	15,896	8,053	7,843
Education	8,112	2,476	5,636	8,503	2,364	6,139	8,551	2,484	6,067
Engineering	3,829	3,430	399	5,105	4,588	517	4,138	3,696	442
Engineering technologies	97,878	89,768	8,110	94,975	87,612	7,363	96,008	88,813	7,195
Mechanics and repairers	26,237	25,021	1,216	26,556	25,172	1,384	25,925	24,622	1,303
Construction trades	8,618	7,988	630	6,868	6,563	305	6,623	6,339	284
Engineering technologies, other	63,023	56,759	6,264	61,551	55,877	5,674	63,460	57,852	5,608
Foreign languages	394	172	222	372	158	214	427	215	212
Health sciences	101,584	12,571	89,013	107,142	13,878	93,264	107,248	14,195	93,053
Dental assisting	7,836	558	7,278	7,648	533	7,115	7,249	525	6,724
Emergency medical technician —ambulance	2,441	1,574	867	2,884	1,797	1,087	3,128	1,988	1,140
Emergency medical technician —paramedic	891	685	206	1,471	1,004	467	1,005	703	302
Medical lab technician	2,817	490	2,327	3,165	574	2,591	2,827	506	2,321
Medical assisting	3,950	63	3,887	4,475	71	4,404	4,730	93	4,637
Nursing assisting	5,394	576	4,818	6,747	695	6,052	6,890	724	6,166
Practical nursing	15,054	853	14,201	15,429	897	14,532	15,311	910	14,401
Nursing, general	37,912	2,560	35,352	40,589	3,017	37,572	40,947	3,109	37,838
Health sciences, other	25,289	5,212	20,077	24,734	5,290	19,444	25,161	5,637	19,524
Home economics	14,360	3,532	10,828	14,344	3,583	10,761	14,966	3,812	11,154
Law	2,287	387	1,900	2,551	432	2,119	2,948	462	2,486
Letters	731	266	465	822	289	533	681	232	449
Liberal/general studies	110,400	49,737	60,663	109,451	49,366	60,085	107,814	47,889	59,925
Library and archival sciences	305	34	271	260	36	224	253	26	227
Life sciences	1,227	639	588	1,297	617	680	1,205	581	624
Mathematics	813	506	307	821	522	299	813	505	308
Military sciences	88	86	2	87	83	4	34	34	0
Multi/interdisciplinary studies	10,518	4,882	5,636	8,398	3,817	4,581	8,697	4,012	4,685
Parks and recreation	1,144	542	602	819	402	417	893	430	463
Philosophy and religion	243	151	92	158	102	56	213	162	51
Theology	1,367	742	625	1,582	867	715	1,617	895	722
Physical sciences	3,245	2,118	1,127	2,990	1,953	1,037	2,296	1,461	835
Science technologies	1,516	971	545	1,455	925	530	1,211	739	472
Physical sciences, other	1,729	1,147	582	1,535	1,028	507	1,085	722	363

Table 1.0.—Less-than-4-year awards conferred in institutions of higher education, by sex of student and field of study: 50 States and D.C., academic years 1983-85—*Continued*

Field of study	1983			1984			1985		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Psychology	1,051	372	679	1,147	379	768	1,032	326	706
Protective services	15,873	12,120	3,753	15,554	11,851	3,703	16,057	12,227	3,830
Criminal justice administration and studies	6,625	4,760	1,865	6,841	4,862	1,979	6,679	4,718	1,961
Law enforcement and security services	5,148	3,900	1,248	5,100	3,892	1,208	5,531	4,206	1,325
Fire control and safety	2,576	2,465	111	2,518	2,402	116	2,587	2,473	114
Protective services, other	1,524	995	529	1,095	695	400	1,260	830	430
Public affairs	6,074	3,049	3,025	5,812	3,066	2,746	6,230	3,686	2,544
Transportation and material moving	2,996	2,332	664	2,993	2,414	579	3,708	3,107	601
Public affairs, other	3,078	717	2,361	2,819	652	2,167	2,522	579	1,943
Social sciences	3,004	1,413	1,591	2,755	1,181	1,574	2,613	1,115	1,498
Visual and performing arts	28,170	19,446	8,724	26,244	17,653	8,591	24,358	16,626	7,732
Fine arts, general	1,472	564	908	1,157	399	758	1,133	436	697
Graphic arts technician	2,360	695	1,665	2,517	591	1,926	2,098	577	1,521
Precision production	20,721	16,551	4,170	19,565	15,263	4,302	18,188	14,235	3,953
Visual and performing arts, other	3,617	1,636	1,981	3,005	1,400	1,605	2,939	1,378	1,561

Note.—At the associate degree level, data were imputed by field of study for 103 institutions for 1983 and 23 institutions for 1984 which did not report data. Data for the 18 nonrespondents in 1985 were imputed at the total levels only, so field of study data do not add to grand totals by 2,537 (1,025 men, and 1,512 women).

SOURCE: U.S. Department of Education, Center for Education Statistics, Degrees and Other Formal Awards Conferred surveys, 1983 to 1985.

Table 1.1.—Associate degrees conferred in institutions of higher education, by sex of student and field of study: 50 States and D.C., academic years 1983-85

Field of study	1983			1984			1985		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Total	456,441	207,141	249,300	452,416	202,762	249,654	454,712	202,932	251,780
Agriculture and natural resources	7,760	5,228	2,532	6,879	4,763	2,116	6,554	4,459	2,095
Agricultural business and agricultural production	4,779	3,397	1,382	4,395	3,140	1,255	4,175	2,990	1,185
Agricultural science	1,506	660	846	1,367	706	661	1,393	665	728
Renewable natural resources	1,475	1,171	304	1,117	917	200	986	804	182
Architecture and environmental design	1,689	333	1,356	1,495	258	1,237	1,490	274	1,216
Area and ethnic studies	23	10	13	30	11	19	32	8	24
Business and management	120,236	44,018	76,218	120,034	42,494	77,540	120,731	41,319	79,412
Accounting	6,146	1,968	4,178	6,128	1,940	4,188	5,527	1,806	3,721
Business and management, general	13,956	6,725	7,231	13,934	6,561	7,373	12,887	5,782	7,105
Business administration and management	19,717	9,877	9,840	18,683	9,047	9,636	19,530	8,963	10,567
Business and management, other	11,711	7,028	4,683	11,424	6,464	4,960	11,307	6,462	4,845
Business data processing	16,307	7,307	9,000	18,709	8,419	10,290	18,835	8,518	10,317
Secretarial and related programs	20,830	235	20,595	21,070	309	20,761	21,845	373	21,472
Business and office, other	15,079	5,396	9,683	14,082	4,731	9,351	14,378	4,454	9,924
Marketing and distribution	15,622	5,113	10,509	15,214	4,630	10,584	15,624	4,559	11,065
Consumer and personal services	868	369	499	790	393	397	798	402	396
Communications	2,049	1,023	1,026	1,881	1,012	869	1,846	997	849
Communications technologies	1,821	1,100	721	1,871	1,109	762	2,270	1,483	787
Computer and information sciences	10,065	4,996	5,069	12,824	6,492	6,332	12,677	6,519	6,158
Education	7,653	2,393	5,260	7,652	2,221	5,431	7,580	2,340	5,240
Engineering	3,699	3,313	386	4,459	3,980	479	3,881	3,473	408
Engineering technologies	58,898	53,576	5,322	57,735	52,776	4,959	59,951	54,888	5,063
Mechanics and repairers	9,177	8,780	397	9,253	8,789	464	8,666	8,265	401
Construction trades	2,407	2,231	176	2,179	2,102	77	2,341	2,261	80
Engineering technologies, other	47,314	42,565	4,749	46,303	41,885	4,418	48,944	44,362	4,582
Foreign languages	355	168	187	326	148	178	388	195	193
Health sciences	66,448	7,725	58,723	68,270	7,971	60,299	68,453	8,106	60,347
Dental assisting	4,560	407	4,153	4,389	373	4,016	4,160	352	3,808
Emergency medical technician —ambulance	500	357	143	139	78	61	74	47	27
Emergency medical technician —paramedic	201	139	62	186	125	61	211	144	67
Medical lab technician	2,712	478	2,234	3,037	545	2,492	2,788	501	2,287
Medical assisting	1,835	33	1,802	1,932	32	1,900	2,196	58	2,138
Nursing assisting	97	21	76	140	21	119	133	21	112
Practical nursing	1,622	118	1,504	1,389	96	1,293	1,252	93	1,159
Nursing, general	37,395	2,529	34,866	40,114	2,977	37,137	40,334	3,072	37,262
Health sciences, other	17,526	3,643	13,883	16,944	3,724	13,220	17,305	3,818	13,487
Home economics	9,369	2,303	7,066	9,247	2,420	6,827	9,611	2,622	6,989
Law	1,742	267	1,475	1,813	302	1,511	2,060	311	1,749
Letters	638	233	405	630	219	411	617	202	415
Liberal/general studies	109,619	49,365	60,254	108,019	48,557	59,462	106,396	47,177	59,219
Library and archival sciences	218	29	189	155	23	132	128	16	112
Life sciences	1,109	548	561	1,209	554	655	1,121	521	600
Mathematics	809	502	307	783	496	287	789	489	300
Military sciences	88	86	2	87	83	4	23	23	0
Multi/interdisciplinary studies	10,339	4,767	5,572	8,218	3,702	4,516	8,525	3,910	4,615
Parks and recreation	1,022	466	556	731	351	380	728	352	376
Philosophy and religion	193	117	76	144	95	49	138	99	39
Theology	677	372	305	712	403	309	701	398	303
Physical sciences	3,142	2,046	1,096	2,877	1,888	989	2,193	1,384	809
Science technologies	1,438	911	527	1,369	875	494	1,138	684	454
Physical sciences, other	1,704	1,135	569	1,508	1,013	495	1,055	700	355
Psychology	1,031	363	668	1,088	360	728	983	312	671

Table 1.1.—Associate degrees conferred in institutions of higher education, by sex of student and field of study: 50 States and D.C., academic years 1983-85—*Continued*

Field of study	1983			1984			1985		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Protective services	13,163	9,950	3,213	11,983	8,931	3,052	12,305	9,168	3,137
Criminal justice administration and studies	5,996	4,289	1,707	5,666	3,978	1,688	5,533	3,848	1,685
Law enforcement and security services	4,074	3,007	1,067	4,019	3,000	1,019	4,211	3,148	1,063
Fire control and safety	2,150	2,072	78	1,671	1,612	59	1,724	1,661	63
Protective services, other	943	582	361	627	341	286	837	511	326
Public affairs	4,344	1,822	2,522	4,027	1,744	2,283	3,675	1,705	1,970
Transportation and material moving	1,620	1,243	377	1,601	1,242	359	1,561	1,260	301
Public affairs, other	2,724	579	2,145	2,426	502	1,924	2,114	445	1,669
Social sciences	2,958	1,385	1,573	2,734	1,174	1,560	2,587	1,105	1,482
Visual and performing arts	15,284	8,637	6,647	14,503	8,225	6,278	13,742	8,052	5,690
Fine arts, general	1,422	537	885	1,074	363	711	1,033	386	647
Graphic arts technician	2,131	619	1,512	1,972	513	1,459	1,686	505	1,181
Precision production	8,691	6,176	2,515	9,166	6,329	2,837	8,711	6,081	2,630
Visual and performing arts, other	3,040	1,305	1,735	2,291	1,020	1,271	2,312	1,080	1,232

Note.—At the associate degree level, data were imputed by field of study for 103 institutions for 1983 and for 23 institutions for 1984 which did not report data. Data for the 18 nonrespondents in 1985 were imputed at the total levels only, so field of study data do not add to grand totals by 2,537 (1,025 men, and 1,512 women).

SOURCE: U.S. Department of Education, Center for Education Statistics, Degrees and Other Formal Awards Conferred surveys, 1983 to 1985.

Table 1.2.—One-but-less-than-4-year awards conferred in institutions of higher education, by sex of student and field of study: 50 States and D.C., academic years 1983-85

Field of study	1983			1984			1985		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Total	120,024	61,189	58,835	124,633	61,359	63,274	123,680	58,603	65,077
Agriculture and natural resources	3,398	2,457	941	2,970	2,152	818	2,969	2,117	852
Agricultural business and agricultural production	2,382	1,774	608	2,150	1,587	563	2,216	1,611	605
Agricultural science	821	525	296	614	412	202	583	387	196
Renewable natural resources	195	158	37	206	153	53	170	119	51
Architecture and environmental design	293	32	261	400	43	357	411	56	355
Area and ethnic studies	3	2	1	15	3	12	20	5	15
Business and management	33,294	9,273	24,021	37,106	10,775	26,331	39,014	9,715	29,299
Accounting	814	278	536	799	222	577	680	178	502
Business and management, general	829	355	474	668	270	398	685	247	438
Business administration and management	715	312	403	609	297	312	682	325	357
Business and management, other	6,144	4,855	1,289	7,783	6,280	1,503	6,579	5,028	1,551
Business data processing	4,005	1,318	2,687	4,768	1,572	3,196	4,363	1,410	2,953
Secretarial and related programs	12,202	234	11,968	13,354	319	13,035	15,160	351	14,809
Business and office, other	2,589	612	1,977	2,409	575	1,834	3,408	823	2,585
Marketing and distribution	2,617	858	1,759	2,690	737	1,953	2,736	706	2,030
Consumer and personal services	3,379	451	2,928	4,026	503	3,523	4,721	647	4,074
Communications	135	65	70	115	63	52	154	88	66
Communications technologies	289	186	103	216	125	91	232	142	90
Computer and information sciences	1,960	890	1,070	2,327	1,162	1,165	2,453	1,094	1,359
Education	407	78	329	532	77	455	561	66	495
Engineering	121	112	9	521	486	35	233	200	33
Engineering technologies	34,146	31,912	2,234	32,353	30,550	1,803	31,212	29,635	1,577
Mechanics and repairers	14,557	14,104	553	14,811	14,223	588	14,795	14,245	550
Construction trades	5,608	5,181	427	4,062	3,855	207	3,499	3,319	180
Engineering technologies, other	13,881	12,627	1,254	13,480	12,472	1,008	12,918	12,071	847
Foreign languages	39	4	35	38	8	30	39	20	19
Health sciences	25,880	3,016	22,864	28,376	3,545	24,831	27,220	3,518	23,702
Dental assisting	2,958	138	2,820	3,037	160	2,877	2,912	169	2,743
Emergency medical technician —ambulance	500	290	210	718	440	278	573	370	203
Emergency medical technician —paramedic	550	432	118	579	441	138	596	443	153
Medical lab technician	105	12	93	85	21	64	33	3	30
Medical assisting	1,495	19	1,476	1,851	23	1,828	1,786	29	1,757
Nursing assisting	1,541	197	1,344	2,972	408	2,564	3,067	430	2,637
Practical nursing	12,555	695	11,860	12,910	705	12,205	12,322	701	11,621
Nursing, general	471	30	441	466	39	427	581	36	545
Health sciences, other	5,705	1,203	4,502	5,758	1,308	4,450	5,350	1,337	4,013
Home economics	3,962	918	3,044	3,991	825	3,166	3,762	835	2,927
Law	452	54	398	632	83	549	781	97	684
Letters	16	3	13	186	68	118	54	23	31
Liberal/general studies	683	330	353	1,273	723	550	1,343	679	664
Library and archival sciences	83	5	78	69	6	63	89	5	84
Life sciences	118	91	27	88	63	25	82	58	24
Mathematics	2	2	0	28	18	10	18	11	7
Military sciences	0	0	0	0	0	0	11	11	0
Multi/interdisciplinary studies	117	93	24	121	93	28	139	92	47
Parks and recreation	120	76	44	61	39	22	113	59	54
Philosophy and religion	49	34	15	12	7	5	65	56	9
Theology	639	348	291	677	365	312	724	395	329
Physical sciences	79	61	18	86	61	25	101	75	26
Science technologies	77	59	18	71	50	21	73	55	18
Physical sciences, other	2	2	0	15	11	4	28	20	8
Psychology	20	9	11	54	19	35	38	13	25

Table 1.2.—One-but-less-than-4-year awards conferred in institutions of higher education, by sex of student and field of study: 50 States and D.C., academic years 1983-85—*Continued*

Field of study	1983			1984			1985		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Protective services	1,692	1,318	374	1,661	1,296	365	1,832	1,441	391
Criminal justice administration and studies	394	281	113	444	322	122	444	332	112
Law enforcement and security services	561	459	102	641	491	150	870	665	205
Fire control and safety	235	229	6	380	356	24	373	355	18
Protective services, other	502	349	153	196	127	69	145	89	56
Public affairs	937	562	375	906	574	332	1,069	754	315
Transportation and material moving	634	454	180	558	440	118	734	642	92
Public affairs, other	303	108	195	348	134	214	335	112	223
Social sciences	42	24	18	8	4	4	15	5	10
Visual and performing arts	11,048	9,234	1,814	9,811	8,126	1,685	8,926	7,338	1,588
Fine arts, general	50	27	23	57	21	36	76	37	39
Graphic arts technician	187	66	121	181	51	130	215	60	155
Precision production	10,257	8,829	1,428	8,967	7,707	1,260	8,199	7,020	1,179
Visual and performing arts, other	554	312	242	606	347	259	436	221	215

SOURCE: U.S. Department of Education, Center for Education Statistics, Degrees and Other Formal Awards Conferred surveys, 1983 to 1985.

Table 1.3.—Less-than-1-year awards conferred in institutions of higher education, by sex of student and field of study: 50 States and D.C., academic years 1983-85

Field of study	1983			1984			1985		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Total	29,140	12,821	16,319	33,283	14,881	18,402	36,357	15,525	20,832
Agriculture and natural resources	514	445	69	792	650	142	943	788	155
Agricultural business and agricultural production	447	388	59	712	588	124	881	743	138
Agricultural science	16	8	8	34	20	14	41	25	16
Renewable natural resources	51	49	2	46	42	4	21	20	1
Architecture and environmental design	30	0	30	32	1	31	38	8	30
Area and ethnic studies	34	13	21	19	11	8	17	7	10
Business and management	8,355	2,097	6,258	9,098	2,485	6,613	10,425	2,581	7,844
Accounting	111	34	77	172	48	124	124	31	93
Business and management, general	237	99	138	371	150	221	251	92	159
Business administration and management	129	101	28	80	35	45	105	52	53
Business and management, other	910	528	382	1,802	993	809	1,915	990	925
Business data processing	1,035	304	731	1,031	289	742	1,195	299	896
Secretarial and related programs	2,987	68	2,919	2,639	87	2,552	3,395	174	3,221
Business and office, other	787	224	563	1,153	266	887	1,127	235	892
Marketing and distribution	1,052	307	745	1,020	336	684	1,218	376	842
Consumer and personal services	1,107	432	675	830	281	549	1,095	332	763
Communications	7	3	4	59	38	21	48	27	21
Communications technologies	8	7	1	20	17	3	30	24	6
Computer and information sciences	945	534	411	960	539	421	766	440	326
Education	52	5	47	319	66	253	410	78	332
Engineering	9	5	4	125	122	3	24	23	1
Engineering technologies	4,834	4,280	554	4,887	4,286	601	4,845	4,290	555
Mechanics and repairers	2,403	2,137	266	2,492	2,160	332	2,464	2,112	352
Construction trades	603	576	27	627	606	21	783	759	24
Engineering technologies, other	1,828	1,567	261	1,768	1,520	248	1,598	1,419	179
Foreign languages	0	0	0	8	2	6	0	0	0
Health sciences	9,256	1,830	7,426	10,496	2,362	8,134	11,575	2,571	9,004
Dental assisting	318	13	305	222	0	222	177	4	173
Emergency medical technician-ambulance	1,441	927	514	2,027	1,279	748	2,481	1,571	910
Emergency medical technician-paramedic	140	114	26	706	438	268	198	116	82
Medical lab technician	0	0	0	43	8	35	6	2	4
Medical assisting	620	11	609	692	16	676	748	6	742
Nursing assisting	3,756	358	3,398	3,635	266	3,369	3,690	273	3,417
Practical nursing	877	40	837	1,130	96	1,034	1,737	116	1,621
Nursing, general	46	1	45	9	1	8	32	1	31
Health sciences, other	2,058	366	1,692	2,032	258	1,774	2,506	482	2,024
Home economics	1,029	311	718	1,106	338	768	1,593	355	1,238
Law	93	66	27	106	47	59	107	54	53
Letters	77	30	47	6	2	4	10	7	3
Liberal/general studies	98	42	56	159	86	73	75	33	42
Library and archival sciences	4	0	4	36	7	29	36	5	31
Life sciences	0	0	0	0	0	0	2	2	0
Mathematics	2	2	0	10	8	2	6	5	1
Military sciences	0	0	0	0	0	0	0	0	0
Multi/interdisciplinary studies	62	22	40	59	22	37	33	10	23
Parks and recreation	2	0	2	27	12	15	52	19	33
Philosophy and religion	1	0	1	2	0	2	10	7	3
Theology	51	22	29	193	99	94	192	102	90
Physical sciences	24	11	13	27	4	23	2	2	0
Science technologies	1	1	0	15	0	15	0	0	0
Physical sciences, other	23	10	13	12	4	8	2	2	0
Psychology	0	0	0	5	0	5	11	1	10

Table 1.3.—Less-than-1-year awards conferred in institutions of higher education, by sex of student and field of study: 50 States and D.C., academic years 1983-85—*Continued*

Field of study	1983			1984			1985		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Protective services	1,018	852	166	1,910	1,624	286	1,920	1,618	302
Criminal justice administration and studies	235	190	45	731	562	169	702	538	164
Law enforcement and security services	513	434	79	440	401	39	450	393	57
Fire control and safety	191	164	27	467	434	33	490	457	33
Protective services, other	79	64	15	272	227	45	278	230	48
Public affairs	793	665	128	879	748	131	1,486	1,227	259
Transportation and material moving	742	635	107	834	732	102	1,413	1,205	208
Public affairs, other	51	30	21	45	16	29	73	22	51
Social sciences	4	4	0	13	3	10	11	5	6
Visual and performing arts	1,838	1,575	263	1,930	1,302	628	1,690	1,236	454
Fine arts, general	0	0	0	26	15	11	24	13	11
Graphic arts technician	42	10	32	364	27	337	197	12	185
Precision production	1,773	1,546	227	1,432	1,227	205	1,278	1,134	144
Visual and performing arts, other	23	19	4	108	33	75	191	77	114

SOURCE: U.S. Department of Education, Center for Education Statistics, Degrees and Other Formal Awards Conferred surveys, 1983 to 1985.

Table 2.0.—Less-than-4-year awards conferred in institutions of higher education, by level of award, sex of student, and State or other area: Academic year 1985

Region and State or other area	All degrees	Less-than-1-year awards			1-but-less-than-4-year awards			Associate degrees		
		Total	Men	Women	Total	Men	Women	Total	Men	Women
50 States and D.C.	614,749	36,357	15,525	20,832	123,680	58,603	65,077	454,712	202,932	251,780
Alabama	11,857	1,239	641	598	4,606	2,140	2,466	6,012	2,515	3,497
Alaska	813	178	111	67	24	13	11	611	261	350
Arizona	9,433	2,118	1,252	866	1,518	990	528	5,797	2,808	2,989
Arkansas	2,544	128	26	102	297	105	192	2,119	809	1,310
California	75,865	3,946	1,867	2,079	16,738	8,528	8,210	55,181	24,599	30,582
Colorado	7,286	888	478	410	1,163	524	639	5,235	2,737	2,498
Connecticut	6,116	107	48	59	246	121	125	5,763	2,433	3,330
Delaware	1,321	115	77	38	196	40	156	1,010	362	648
District of Columbia	1,023	196	64	132	198	113	85	629	255	374
Florida	41,102	4,780	2,176	2,604	3,555	1,813	1,742	32,767	14,875	17,892
Georgia	8,185	268	50	218	1,517	719	798	6,400	2,425	3,975
Hawaii	3,153	389	189	200	474	142	332	2,290	1,234	1,056
Idaho	3,564	275	147	128	866	539	327	2,423	1,197	1,226
Illinois	34,525	0	0	0	11,081	4,540	6,541	23,444	10,316	13,128
Indiana	13,045	2,282	572	1,710	1,497	727	770	9,266	4,985	4,281
Iowa	12,517	2,289	683	1,606	3,448	1,549	1,899	6,780	3,418	3,362
Kansas	6,570	633	179	454	674	297	377	5,263	2,233	3,030
Kentucky	9,285	332	207	125	2,831	548	2,283	6,122	2,444	3,678
Louisiana	3,325	252	80	172	428	50	378	2,645	1,073	1,572
Maine	3,034	188	77	111	623	423	200	2,223	900	1,323
Maryland	9,119	0	0	0	1,805	815	990	7,314	2,759	4,555
Massachusetts	16,721	603	279	324	1,337	437	900	14,781	5,181	9,600
Michigan	27,881	187	35	152	4,835	2,069	2,766	22,859	9,353	13,506
Minnesota	10,999	1,588	522	1,066	2,469	1,419	1,050	6,942	2,864	4,078
Mississippi	6,882	445	128	317	1,965	874	1,091	4,472	1,609	2,863
Missouri	9,456	342	126	216	1,859	1,030	829	7,255	3,269	3,986
Montana	828	15	1	14	94	42	52	719	314	405
Nebraska	4,467	330	151	179	1,254	370	884	2,883	1,639	1,244
Nevada	1,052	0	0	0	125	34	91	927	437	490
New Hampshire	3,024	185	44	141	154	21	133	2,685	1,251	1,434
New Jersey	11,043	107	12	95	810	182	628	10,126	3,685	6,441
New Mexico	2,179	25	13	12	411	188	223	1,743	792	951
New York	58,766	1,289	550	739	7,471	2,051	5,420	50,006	21,352	28,654
North Carolina	17,292	1,226	461	765	5,013	2,683	2,330	11,053	4,403	6,650
North Dakota	3,000	90	72	18	1,155	758	397	1,755	881	874
Ohio	25,630	907	507	400	5,783	3,362	2,421	18,940	8,862	10,078
Oklahoma	5,068	0	0	0	626	426	200	4,442	2,103	2,339
Oregon	7,113	619	186	433	1,337	408	929	5,157	2,743	2,414
Pennsylvania	29,138	935	578	357	8,985	6,291	2,694	19,218	9,079	10,139
Rhode Island	3,708	34	22	12	213	66	147	3,461	1,790	1,671
South Carolina	6,856	0	0	0	1,611	638	973	5,245	2,149	3,096
South Dakota	1,205	45	11	34	115	36	79	1,045	266	779
Tennessee	7,511	220	27	193	788	416	372	6,503	2,542	3,961
Texas	30,754	1,783	1,074	709	7,450	3,198	4,252	21,521	10,288	11,233
Utah	4,384	431	182	249	1,032	495	537	2,921	1,424	1,497

Table 2.0.—Less-than-4-year awards conferred in institutions of higher education, by level of award, sex of student, and State or other area: Academic year 1985—*Continued*

Region and State or other area	All degrees	Less-than-1-year awards			1-but-less-than-4-year awards			Associate degrees		
		Total	Men	Women	Total	Men	Women	Total	Men	Women
Vermont	1,330	0	0	0	92	30	62	1,238	494	744
Virginia	9,988	666	296	370	1,941	1,098	843	7,381	3,074	4,307
Washington	15,703	1,191	409	782	4,091	1,864	2,227	10,421	4,881	5,540
West Virginia	3,181	28	1	27	272	78	194	2,881	1,093	1,788
Wisconsin	17,740	2,434	886	1,548	6,135	3,054	3,081	9,171	4,115	5,056
Wyoming	1,664	29	28	1	472	249	223	1,163	522	641
U.S. Service Schools	6,504	0	0	0	0	0	0	6,504	5,839	665
Outlying areas	5,449	212	165	47	862	375	487	4,375	1,393	2,982
American Samoa	135	0	0	0	10	3	7	125	53	72
Guam	160	93	91	2	16	14	2	51	30	21
No. Marianas	28	0	0	0	0	0	0	28	10	18
Puerto Rico	4,861	119	74	45	736	289	447	4,006	1,227	2,779
Trust Terr. Pac. Is.	187	0	0	0	100	69	31	87	56	31
Virgin Islands	78	0	0	0	0	0	0	78	17	61

SOURCE: U.S. Department of Education, Center for Education Statistics, Degrees and Other Formal Awards Conferred survey, 1985.

Table 2.1.—Less-than-4-year awards conferred in public institutions of higher education, by level of award, sex of student, and State or other area: Academic year 1985

Region and State or other area	All degrees	Less-than-1-year awards			1-but-less-than-4-year awards			Associate degrees		
		Total	Men	Women	Total	Men	Women	Total	Men	Women
50 States and D.C.	497,388	29,497	13,343	16,154	90,266	41,373	48,893	377,625	168,197	209,428
Alabama	10,321	1,213	640	573	4,418	2,053	2,365	4,690	1,834	2,856
Alaska	770	178	111	67	4	4	0	588	251	337
Arizona	8,004	2,059	1,246	813	810	342	468	5,135	2,266	2,869
Arkansas	1,955	1	0	1	256	97	159	1,698	567	1,131
California	69,232	3,464	1,630	1,834	14,257	6,824	7,433	51,511	22,762	28,749
Colorado	5,797	671	440	231	970	427	543	4,156	2,147	2,009
Connecticut	4,812	107	48	59	215	118	97	4,490	2,113	2,377
Delaware	988	88	77	11	165	39	126	735	315	420
District of Columbia	342	0	0	0	99	84	15	243	109	134
Florida	35,198	4,144	2,148	1,996	2,834	1,390	1,444	28,220	11,737	16,483
Georgia	4,927	137	45	92	546	194	352	4,244	1,466	2,778
Hawaii	2,998	389	189	200	470	142	328	2,139	1,118	1,021
Idaho	2,250	275	147	128	842	539	303	1,133	631	502
Illinois	28,513	0	0	0	7,303	2,714	4,589	21,210	9,189	12,021
Indiana	9,446	1,813	515	1,298	574	210	364	7,059	3,744	3,315
Iowa	11,410	2,233	681	1,552	3,393	1,541	1,852	5,784	2,892	2,892
Kansas	5,994	633	179	454	654	285	369	4,707	2,011	2,696
Kentucky	4,281	111	107	4	24	0	24	4,146	1,390	2,756
Louisiana	2,358	1	0	1	69	24	45	2,288	930	1,358
Maine	2,284	188	77	111	611	423	188	1,485	751	734
Maryland	8,505	0	0	0	1,636	706	930	6,869	2,677	4,192
Massachusetts	9,091	73	8	65	551	103	448	8,467	3,210	5,257
Michigan	24,372	20	11	9	4,302	1,966	2,336	20,050	8,523	11,527
Minnesota	9,455	1,546	522	1,024	2,131	1,283	848	5,778	2,198	3,580
Mississippi	6,085	445	128	317	1,890	866	1,024	3,750	1,334	2,416
Missouri	6,481	140	28	112	990	306	684	5,351	2,243	3,108
Montana	705	0	0	0	73	40	33	632	282	350
Nebraska	4,148	305	144	161	1,247	364	883	2,596	1,564	1,032
Nevada	1,052	0	0	0	125	34	91	927	437	490
New Hampshire	1,824	166	41	125	102	7	95	1,556	851	705
New Jersey	10,189	101	11	90	668	180	488	9,420	3,560	5,860
New Mexico	2,005	25	13	12	411	188	223	1,569	736	833
New York	42,864	64	6	58	3,291	1,381	1,910	39,509	17,579	21,930
North Carolina	14,972	924	421	503	4,627	2,568	2,059	9,421	3,726	5,695
North Dakota	2,872	72	64	8	1,132	749	383	1,668	860	808
Ohio	16,580	267	133	134	873	242	631	15,440	6,766	8,674
Oklahoma	4,156	0	0	0	240	85	155	3,916	1,753	2,163
Oregon	6,503	617	185	432	1,285	396	889	4,601	2,340	2,261
Pennsylvania	16,171	861	553	308	4,005	2,100	1,905	11,305	5,053	6,252
Rhode Island	1,448	0	0	0	171	27	144	1,277	455	822
South Carolina	5,815	0	0	0	1,438	617	821	4,377	1,779	2,598
South Dakota	385	0	0	0	17	6	11	368	91	277
Tennessee	5,435	12	5	7	535	238	297	4,888	2,030	2,858
Texas	28,872	1,748	1,043	705	6,807	2,868	3,939	20,317	9,915	10,402
Utah	3,730	355	180	175	948	493	455	2,427	1,281	1,146

Table 2.1.—Less-than-4-year awards conferred in public institutions of higher education, by level of award, sex of student, and State or other area: Academic year 1985—*Continued*

Region and State or other area	All degrees	Less-than-1-year awards			1-but-less-than-4-year awards			Associate degrees		
		Total	Men	Women	Total	Men	Women	Total	Men	Women
Vermont	520	0	0	0	0	0	0	520	247	273
Virginia	9,116	658	291	367	1,769	1,015	754	6,689	2,849	3,840
Washington	14,872	1,094	362	732	3,737	1,749	1,988	10,041	4,736	5,305
West Virginia	2,306	0	0	0	186	56	130	2,120	786	1,334
Wisconsin	16,811	2,270	886	1,384	6,093	3,041	3,052	8,448	3,752	4,696
Wyoming	1,664	29	28	1	472	249	223	1,163	522	641
U.S. Service Schools	6,504	0	0	0	0	0	0	6,504	5,839	665
Outlying areas	1,844	127	103	24	133	86	47	1,584	686	898
American Samoa	135	0	0	0	10	3	7	125	53	72
Guam	160	93	91	2	16	14	2	51	30	21
No. Marianas	28	0	0	0	0	0	0	28	10	18
Puerto Rico	1,256	34	12	22	7	0	7	1,215	520	695
Trust Terr. Pac. Is.	187	0	0	0	100	69	31	87	56	31
Virgin Islands	78	0	0	0	0	0	0	78	17	61

SOURCE: U.S. Department of Education, Center for Education Statistics, Degrees and Other Formal Awards Conferred survey, 1985.

Table 2.2.—Less-than-4-year awards conferred in private institutions of higher education, by level of award, sex of student, and State or other area: Academic year 1985

Region and State or other area	All degrees	Less-than-1-year awards			1-but-less-than-4-year awards			Associate degrees		
		Total	Men	Women	Total	Men	Women	Total	Men	Women
50 States and D.C.	117,361	6,860	2,182	4,678	33,414	17,230	16,184	77,087	34,735	42,352
Alabama	1,536	26	1	25	188	87	101	1,322	681	641
Alaska	43	0	0	0	20	9	11	23	10	13
Arizona	1,429	59	6	53	708	648	60	662	542	120
Arkansas	589	127	26	101	41	8	33	421	242	179
California	6,633	482	237	245	2,481	1,704	777	3,670	1,837	1,833
Colorado	1,489	217	38	179	193	97	96	1,079	590	489
Connecticut	1,304	0	0	0	31	3	28	1,273	320	953
Delaware	333	27	0	27	31	1	30	275	47	228
District of Columbia	681	196	64	132	99	29	70	386	146	240
Florida	5,904	636	28	608	721	423	298	4,547	3,138	1,409
Georgia	3,258	131	5	126	971	525	446	2,156	959	1,197
Hawaii	155	0	0	0	4	0	4	151	116	35
Idaho	1,314	0	0	0	24	0	24	1,290	566	724
Illinois	6,012	0	0	0	3,778	1,826	1,952	2,234	1,127	1,107
Indiana	3,599	469	57	412	923	517	406	2,207	1,241	966
Iowa	1,107	56	2	54	55	8	47	996	526	470
Kansas	576	0	0	0	20	12	8	556	222	334
Kentucky	5,004	221	100	121	2,807	548	2,259	1,976	1,054	922
Louisiana	967	251	80	171	359	26	333	357	143	214
Maine	750	0	0	0	12	0	12	738	149	589
Maryland	614	0	0	0	169	109	60	445	82	363
Massachusetts	7,630	530	271	259	786	334	452	6,314	1,971	4,343
Michigan	3,509	167	24	143	533	103	430	2,809	830	1,979
Minnesota	1,544	42	0	42	338	136	202	1,164	666	498
Mississippi	797	0	0	0	75	8	67	722	275	447
Missouri	2,975	202	98	104	869	724	145	1,904	1,026	878
Montana	123	15	1	14	21	2	19	87	32	55
Nebraska	319	25	7	18	7	6	1	287	75	212
Nevada	0	0	0	0	0	0	0	0	0	0
New Hampshire	1,200	19	3	16	52	14	38	1,129	400	729
New Jersey	854	6	1	5	142	2	140	706	125	581
New Mexico	174	0	0	0	0	0	0	174	56	118
New York	15,902	1,225	544	681	4,180	670	3,510	10,497	3,773	6,724
North Carolina	2,320	302	40	262	386	115	271	1,632	677	955
North Dakota	128	18	8	10	23	9	14	87	21	66
Ohio	9,050	640	374	266	4,910	3,120	1,790	3,500	2,096	1,404
Oklahoma	912	0	0	0	386	341	45	526	350	176
Oregon	610	2	1	1	52	12	40	556	403	153
Pennsylvania	12,967	74	25	49	4,980	4,191	789	7,913	4,026	3,887
Rhode Island	2,260	34	22	12	42	39	3	2,184	1,335	849
South Carolina	1,041	0	0	0	173	21	152	868	370	498
South Dakota	820	45	11	34	98	30	68	677	175	502
Tennessee	2,076	208	22	186	253	178	75	1,615	512	1,103
Texas	1,882	35	31	4	643	330	313	1,204	373	831
Utah	654	76	2	74	84	2	82	494	143	351

Table 2.2.—Less-than-4-year awards conferred in private institutions of higher education, by level of award, sex of student, and State or other area: Academic year 1985—*Continued*

Region and State or other area	All degrees	Less-than-1-year awards			1-but-less-than-4-year awards			Associate degrees		
		Total	Men	Women	Total	Men	Women	Total	Men	Women
Vermont	810	0	0	0	92	30	62	718	247	471
Virginia	872	8	5	3	172	83	89	692	225	467
Washington	831	97	47	50	354	115	239	380	145	235
West Virginia	875	28	1	27	86	22	64	761	307	454
Wisconsin	929	164	0	164	42	13	29	723	363	360
Wyoming	0	0	0	0	0	0	0	0	0	0
U.S. Service Schools	0	0	0	0	0	0	0	0	0	0
Outlying areas	3,605	85	62	23	729	289	440	2,791	707	2,084
American Samoa	0	0	0	0	0	0	0	0	0	0
Guam	0	0	0	0	0	0	0	0	0	0
No. Marianas	0	0	0	0	0	0	0	0	0	0
Puerto Rico	3,605	85	62	23	729	289	440	2,791	707	2,084
Trust Terr. Pac. Is.	0	0	0	0	0	0	0	0	0	0
Virgin Islands	0	0	0	0	0	0	0	0	0	0

SOURCE: U.S. Department of Education, Center for Education Statistics, Degrees and Other Formal Awards Conferred survey, 1985.

Table 2.3.—Less-than-4-year awards conferred in private, nonprofit institutions of higher education, by level of award, sex of student, and State or other area: Academic year 1985

Region and State or other area	All degrees	Less-than-1-year awards			1-but-less-than-4-year awards			Associate degrees		
		Total	Men	Women	Total	Men	Women	Total	Men	Women
50 States and D.C.	64,151	3,393	1,123	2,270	13,557	8,093	5,464	47,201	18,764	28,437
Alabama	729	0	0	0	48	8	40	681	263	418
Alaska	43	0	0	0	20	9	11	23	10	13
Arizona	86	59	6	53	7	2	5	20	5	15
Arkansas	137	1	0	1	4	0	4	132	40	92
California	2,976	202	125	77	1,230	997	233	1,544	780	764
Colorado	179	3	0	3	18	6	12	158	141	17
Connecticut	1,107	0	0	0	1	0	1	1,106	316	790
Delaware	333	27	0	27	31	1	30	275	47	228
District of Columbia	247	0	0	0	99	29	70	148	83	65
Florida	2,779	591	28	563	156	78	78	2,032	1,472	560
Georgia	1,257	0	0	0	247	166	81	1,010	425	585
Hawaii	155	0	0	0	4	0	4	151	116	35
Idaho	1,314	0	0	0	24	0	24	1,290	566	724
Illinois	3,389	0	0	0	2,269	537	1,732	1,120	359	761
Indiana	1,174	74	25	49	204	163	41	896	193	703
Iowa	1,011	56	2	54	55	8	47	900	435	465
Kansas	576	0	0	0	20	12	8	556	222	334
Kentucky	740	10	2	8	64	39	25	666	196	470
Louisiana	158	0	0	0	68	16	52	90	63	27
Maine	437	0	0	0	3	0	3	434	67	367
Maryland	473	0	0	0	129	108	21	344	78	266
Massachusetts	7,521	421	174	247	786	334	452	6,314	1,971	4,343
Michigan	3,509	167	24	143	533	103	430	2,809	830	1,979
Minnesota	1,188	0	0	0	225	121	104	963	491	472
Mississippi	280	0	0	0	35	8	27	245	91	154
Missouri	1,596	48	22	26	176	112	64	1,372	598	774
Montana	115	14	1	13	21	2	19	80	28	52
Nebraska	319	25	7	18	7	6	1	287	75	212
Nevada	0	0	0	0	0	0	0	0	0	0
New Hampshire	580	0	0	0	18	2	16	562	166	396
New Jersey	505	6	1	5	8	2	6	491	125	366
New Mexico	174	0	0	0	0	0	0	174	56	118
New York	8,479	1,183	518	665	970	495	475	6,326	2,728	3,598
North Carolina	1,304	0	0	0	79	17	62	1,225	536	689
North Dakota	128	18	8	10	23	9	14	87	21	66
Ohio	1,513	95	69	26	271	211	60	1,147	498	649
Oklahoma	168	0	0	0	0	0	0	168	50	118
Oregon	142	2	1	1	6	5	1	134	67	67
Pennsylvania	9,411	74	25	49	4,973	4,184	789	4,364	1,710	2,654
Rhode Island	2,260	34	22	12	42	39	3	2,184	1,335	849
South Carolina	505	0	0	0	37	19	18	468	203	265
South Dakota	396	19	5	14	45	7	38	332	35	297
Tennessee	1,094	35	6	29	88	52	36	971	260	711
Texas	486	35	31	4	122	39	83	329	141	188
Utah	443	0	0	0	62	0	62	381	99	282

Table 2.3.—Less-than-4-year awards conferred in private, nonprofit institutions of higher education, by level of award, sex of student, and State or other area: Academic year 1985—*Continued*

Region and State or other area	All degrees	Less-than-1-year awards			1-but-less-than-4-year awards			Associate degrees		
		Total	Men	Women	Total	Men	Women	Total	Men	Women
Vermont	810	0	0	0	92	30	62	718	247	471
Virginia	609	5	5	0	102	59	43	502	173	329
Washington	261	25	16	9	57	25	32	179	63	116
West Virginia	571	0	0	0	59	20	39	512	127	385
Wisconsin	484	164	0	164	19	13	6	301	163	138
Wyoming	0	0	0	0	0	0	0	0	0	0
U.S. Service Schools	0	0	0	0	0	0	0	0	0	0
Outlying areas	2,244	0	0	0	227	36	191	2,017	477	1,540
American Samoa	0	0	0	0	0	0	0	0	0	0
Guam	0	0	0	0	0	0	0	0	0	0
No. Marianas	0	0	0	0	0	0	0	0	0	0
Puerto Rico	2,244	0	0	0	227	36	191	2,017	477	1,540
Trust Terr. Pac. Is.	0	0	0	0	0	0	0	0	0	0
Virgin Islands	0	0	0	0	0	0	0	0	0	0

SOURCE: U.S. Department of Education, Center for Education Statistics, Degrees and Other Formal Awards Conferred survey, 1985.

Table 2.4.—Less-than-4-year awards conferred in private, for-profit institutions of higher education, by level of award, sex of student, and State or other area: Academic year 1985

Region and State or other area	All degrees	Less-than-1-year awards			1-but-less-than-4-year awards			Associate degrees		
		Total	Men	Women	Total	Men	Women	Total	Men	Women
50 States and D.C.	53,210	3,467	1,059	2,408	19,857	9,137	10,720	29,886	15,971	13,915
Alabama	807	26	1	25	140	79	61	641	418	223
Alaska	0	0	0	0	0	0	0	0	0	0
Arizona	1,343	0	0	0	701	646	55	642	537	105
Arkansas	452	126	26	100	37	8	29	289	202	87
California	3,657	280	112	168	1,251	707	544	2,126	1,057	1,069
Colorado	1,310	214	38	176	175	91	84	921	449	472
Connecticut	197	0	0	0	30	3	27	167	4	163
Delaware	0	0	0	0	0	0	0	0	0	0
District of Columbia	434	196	64	132	0	0	0	238	63	175
Florida	3,125	45	0	45	565	345	220	2,515	1,666	849
Georgia	2,001	131	5	126	724	359	365	1,146	534	612
Hawaii	0	0	0	0	0	0	0	0	0	0
Idaho	0	0	0	0	0	0	0	0	0	0
Illinois	2,623	0	0	0	1,509	1,289	220	1,114	768	346
Indiana	2,425	395	32	363	719	354	365	1,311	1,048	263
Iowa	96	0	0	0	0	0	0	96	91	5
Kansas	0	0	0	0	0	0	0	0	0	0
Kentucky	4,264	211	98	113	2,743	509	2,234	1,310	858	452
Louisiana	809	251	80	171	291	10	281	267	80	187
Maine	313	0	0	0	9	0	9	304	82	222
Maryland	141	0	0	0	40	1	39	101	4	97
Massachusetts	109	109	97	12	0	0	0	0	0	0
Michigan	0	0	0	0	0	0	0	0	0	0
Minnesota	356	42	0	42	113	15	98	201	175	26
Mississippi	517	0	0	0	40	0	40	477	184	293
Missouri	1,379	154	76	78	693	612	81	532	428	104
Montana	8	1	0	1	0	0	0	7	4	3
Nebraska	0	0	0	0	0	0	0	0	0	0
Nevada	0	0	0	0	0	0	0	0	0	0
New Hampshire	620	19	3	16	34	12	22	567	234	333
New Jersey	349	0	0	0	134	0	134	215	0	215
New Mexico	0	0	0	0	0	0	0	0	0	0
New York	7,423	42	26	16	3,210	175	3,035	4,171	1,045	3,126
North Carolina	1,016	302	40	262	307	98	209	407	141	266
North Dakota	0	0	0	0	0	0	0	0	0	0
Ohio	7,537	545	305	240	4,639	2,909	1,730	2,353	1,598	755
Oklahoma	744	0	0	0	386	341	45	358	300	58
Oregon	468	0	0	0	46	7	39	422	336	86
Pennsylvania	3,556	0	0	0	7	7	0	3,549	2,316	1,233
Rhode Island	0	0	0	0	0	0	0	0	0	0
South Carolina	536	0	0	0	136	2	134	400	167	233
South Dakota	424	26	6	20	53	23	30	345	140	205
Tennessee	982	173	16	157	165	126	39	644	252	392
Texas	1,396	0	0	0	521	291	230	875	232	643
Utah	211	76	2	74	22	2	20	113	44	69

Table 2.4.—Less-than-4-year awards conferred in private, for-profit institutions of higher education, by level of award, sex of student, and State or other area: Academic year 1985—*Continued*

Region and State or other area	All degrees	Less-than-1-year awards			1-but-less-than-4-year awards			Associate degrees		
		Total	Men	Women	Total	Men	Women	Total	Men	Women
Vermont	0	0	0	0	0	0	0	0	0	0
Virginia	263	3	0	3	70	24	46	190	52	138
Washington	570	72	31	41	297	90	207	201	82	119
West Virginia	304	28	1	27	27	2	25	249	180	69
Wisconsin	445	0	0	0	23	0	23	422	200	222
Wyoming	0	0	0	0	0	0	0	0	0	0
U.S. Service Schools	0	0	0	0	0	0	0	0	0	0
Outlying areas	1,361	85	62	23	502	253	249	774	230	544
American Samoa	0	0	0	0	0	0	0	0	0	0
Guam	0	0	0	0	0	0	0	0	0	0
No. Marianas	0	0	0	0	0	0	0	0	0	0
Puerto Rico	1,361	85	62	23	502	253	249	774	230	544
Trust Terr. Pac. Is.	0	0	0	0	0	0	0	0	0	0
Virgin Islands	0	0	0	0	0	0	0	0	0	0

SOURCE: U.S. Department of Education, Center for Education Statistics, Degrees and Other Formal Awards Conferred survey, 1985.

Table 3.0.—Top 50 instructional programs in conferrals of less-than-4-year awards in institutions of higher education, by rank, program, and number of awards: 50 States and D.C., academic year 1985

Rank	CIP code	Instructional program*	Number of awards**
		Total	419,104
1	24.0101	Liberal Arts and Sciences	101,467
2	18.1101	Nursing, General	40,947
3	15.0303	Electronic Technology	25,293
4	06.0401	Business Administration and Management, General	20,317
5	17.0605	Practical Nursing	15,311
6	06.0101	Business and Management, General	13,823
7	07.0601	Secretarial and Related Programs, General	13,061
8	07.0301	Business Data Processing and Related Programs, General	12,046
9	07.0101	Accounting, Bookkeeping, and Related Programs, General	8,727
10	08.9999	Marketing and Distribution, Other	7,978
11	07.0305	Business Data Programming	7,965
12	17.0602	Nursing Assisting	6,890
13	07.0606	Secretarial	6,489
14	24.0199	Liberal/General Studies, Other	6,347
15	06.0201	Accounting	6,331
16	06.0499	Business Administration and Management, Other	6,175
17	47.0604	Automotive Mechanics	5,652
18	15.0399	Electrical and Electronic Technologies, Other	4,975
19	11.0101	Computer and Information Sciences, General	4,958
20	11.0201	Computer Programming	4,952
21	17.0503	Medical Assisting	4,730
22	07.0608	Word Processing	4,699
23	12.0403	Cosmetology	4,644
24	43.0105	Criminal Justice Technology	4,538
25	43.0107	Law Enforcement	4,524
26	11.0301	Data Processing	4,138
27	13.0101	Education, General	4,056
28	08.0102	Fashion Merchandising	3,773
29	07.0603	Executive Secretarial	3,660
30	07.9999	Business (Administrative Support), Other	3,612
31	17.0209	Radiologic (Medical) Technology	3,452
32	30.0101	Biological and Physical Sciences	3,249
33	17.0101	Dental Assisting	3,217
34	30.0401	Humanities and Social Sciences	3,184
35	17.0102	Dental Hygiene	3,179
36	17.0205	Emergency Medical Technology-Ambulance	3,128
37	48.0503	Machine Tool Operation/Machine Shop	2,976
38	48.0508	Welding, Brazing, and Soldering	2,940
39	15.0301	Computer Technology	2,872
40	15.9999	Engineering and Engineering-related Technologies, Other	2,854
41	17.0309	Medical Laboratory Technology	2,827
42	48.0203	Commercial Art	2,791
43	15.0801	Aeronautical Technology	2,724
44	47.0605	Diesel Engine Mechanics	2,645
45	15.0803	Automotive Technology	2,577
46	22.0103	Legal Assisting	2,571
47	47.0201	Heating, Air Conditioning, and Refrigeration Mechanics, General	2,545
48	07.0604	Legal Secretarial	2,439
49	06.9999	Business and Management, Other	2,435
50	15.0805	Mechanical Design Technology	2,421

*The field of study for each program can be determined by comparing the first 2 digits of the CIP code on this table with the CIP codes provided on the table on pp. 22-24.

**Less-than-4-year awards for all instructional programs, men and women combined, total 614,749.

SOURCE: U.S. Department of Education, Center for Education Statistics, Degrees and Other Formal Awards Conferred survey, 1985.

Table 3.1.—Top 50 instructional programs in conferrals of less-than-4-year awards to men in institutions of higher education, by rank, program, and number of awards: 50 States and D.C., academic year 1985

Rank	CIP code	Instructional program*	Number of awards**
		Total	192,644
1	24.0101	Liberal Arts and Sciences	45,107
2	15.0303	Electronic Technology	23,451
3	06.0401	Business Administration and Management, General	9,340
4	06.0101	Business and Management, General	6,121
5	47.0604	Automotive Mechanics	5,528
6	07.0301	Business Data Processing and Related Programs, General	5,182
7	06.0499	Business Administration and Management, Other	4,783
8	15.0399	Electrical and Electronic Technologies, Other	4,649
9	07.0305	Business Data Programming	3,724
10	43.0107	Law Enforcement	3,442
11	43.0105	Criminal Justice Technology	3,238
12	18.1101	Nursing, General	3,109
13	08.9999	Marketing and Distribution, Other	2,947
14	48.0503	Machine Tool Operation/Machine Shop	2,888
15	48.0508	Welding, Brazing, and Soldering	2,836
16	24.0199	Liberal/General Studies, Other	2,782
17	11.0101	Computer and Information Sciences, General	2,617
18	47.0605	Diesel Engine Mechanics	2,607
19	15.0801	Aeronautical Technology	2,602
20	15.9999	Engineering and Engineering-Related Technologies, Other	2,550
21	15.0803	Automotive Technology	2,529
22	47.0201	Heating, Air Conditioning, and Refrigeration Mechanics, General	2,522
23	11.0201	Computer Programming	2,483
24	07.0101	Accounting, Bookkeeping, and Related Programs, General	2,431
25	15.0301	Computer Technology	2,244
26	15.0805	Mechanical Design Technology	2,214
27	14.0101	Engineering, General	2,050
28	47.0603	Automotive Body Repair	2,022
29	06.0201	Accounting	2,015
30	17.0205	Emergency Medical Technology-Ambulance	1,988
31	15.0202	Drafting and Design Technology	1,981
32	11.0301	Data Processing	1,912
33	47.0602	Aircraft Mechanics	1,900
34	15.0302	Electrical Technology	1,892
35	47.0104	Computer Electronics	1,773
36	06.9999	Business and Management, Other	1,723
37	15.0501	Air Conditioning, Heating, and Refrigeration Technology	1,671
38	46.9999	Construction Trades, Other	1,664
39	30.0101	Biological and Physical Sciences	1,651
40	48.0101	Drafting, General	1,504
41	47.0101	Electrical and Electronics Equipment Repair, General	1,435
42	13.0101	Education, General	1,402
43	43.0201	Fire Control and Safety Technology	1,401
44	46.0302	Electrician	1,327
45	07.9999	Business (Administrative Support), Other	1,281
46	49.0205	Truck and Bus Driving	1,255
47	46.0201	Carpentry	1,244
48	48.0203	Commercial Art	1,212
49	47.0105	Industrial Electronics	1,208
50	48.0105	Mechanical Drafting	1,207

*The field of study for each program can be determined by comparing the first 2 digits of the CIP code on this table with the CIP codes provided on the table on pp. 22-24.

**Less-than-4-year awards for all instructional programs, men and women combined, total 614,749.

SOURCE: U.S. Department of Education, Center for Education Statistics, Degrees and Other Formal Awards Conferred survey, 1985.

Table 3.2.—Top 50 instructional programs in conferrals of less-than-4-year awards to women in institutions of higher education, by rank, program, and number of awards: 50 States and D.C., academic year 1985

Rank	CIP code	Instructional program*	Number of awards**
		Total	262,915
1	24.0101	Liberal Arts and Sciences	56,360
2	18.1101	Nursing, General	37,838
3	17.0605	Practical Nursing	14,401
4	07.0601	Secretarial and Related Programs, General	12,912
5	06.0401	Business Administration and Management, General	10,977
6	06.0101	Business and Management, General	7,702
7	07.0301	Business Data Processing and Related Programs, General	6,864
8	07.0606	Secretarial	6,426
9	07.0101	Accounting, Bookkeeping, and Related Programs, General	6,296
10	17.0602	Nursing Assisting	6,166
11	08.9999	Marketing and Distribution, Other	5,031
12	17.0503	Medical Assisting	4,637
13	07.0608	Word Processing	4,588
14	12.0403	Cosmetology	4,375
15	06.0201	Accounting	4,316
16	07.0305	Business Data Programming	4,241
17	07.0603	Executive Secretarial	3,640
18	08.0102	Fashion Merchandising	3,596
19	24.0199	Liberal/General Studies, Other	3,565
20	17.0101	Dental Assisting	3,184
21	17.0102	Dental Hygiene	3,138
22	13.0101	Education, General	2,654
23	17.0209	Radiologic (Medical) Technology	2,514
24	11.0201	Computer Programming	2,469
25	07.0604	Legal Secretarial	2,397
26	11.0101	Computer and Information Sciences, General	2,341
27	07.9999	Business (Administrative Support), Other	2,331
28	17.0309	Medical Laboratory Technology	2,321
29	22.0103	Legal Assisting	2,312
30	07.0605	Medical Secretarial	2,246
31	07.0702	Clerk-typist	2,235
32	11.0301	Data Processing	2,226
33	30.0401	Humanities and Social Sciences	2,000
34	15.0303	Electronic Technology	1,842
35	07.0701	Typing, General Office, and Related Programs, General	1,747
36	07.0102	Accounting and Computing	1,625
37	30.0101	Biological and Physical Sciences	1,598
38	48.0203	Commercial Art	1,579
39	07.0401	Office Supervision and Management	1,530
40	50.0801	Graphic Arts Technology	1,521
41	04.0501	Interior Design	1,520
42	17.0210	Respiratory Therapy Technology	1,493
43	07.0303	Business Data Entry Equipment Operation	1,421
44	20.0102	Child Development, Care, and Guidance	1,401
45	06.0499	Business Administration and Management, Other	1,392
46	43.0105	Criminal Justice Technology	1,300
47	20.0202	Child Care Aide/Assisting	1,237
48	07.0705	General Office Clerk	1,148
49	17.0205	Emergency Medical Technology-Ambulance	1,140
50	13.1204	Pre-elementary Education	1,122

*The field of study for each program can be determined by comparing the first 2 digits of the CIP code on this table with the CIP codes provided on the table on pp. 22-24.

**Less-than-4-year awards for all instructional programs, men and women combined, total 614,749.

SOURCE: U.S. Department of Education, Center for Education Statistics, Degrees and Other Formal Awards Conferred survey, 1985.

Table 3.3.—Top 50 instructional programs in conferrals of associate degrees in institutions of higher education, by rank, program, and number of awards: 50 States and D.C., academic year 1985

Rank	CIP code	Instructional program*	Number of awards**
		Total	340,041
1	24.0101	Liberal Arts and Sciences	100,463
2	18.1101	Nursing, General	40,334
3	06.0401	Business Administration and Management, General	19,530
4	15.0303	Electronic Technology	18,118
5	06.0101	Business and Management, General	12,887
6	07.0301	Business Data Processing and Related Programs, General	10,087
7	07.0601	Secretarial and Related Programs, General	7,781
8	08.9999	Marketing and Distribution, Other	7,234
9	07.0305	Business Data Programming	7,100
10	07.0101	Accounting, Bookkeeping, and Related Programs, General	6,996
11	24.0199	Liberal/General Studies, Other	5,933
12	06.0201	Accounting	5,527
13	15.0399	Electrical and Electronic Technologies, Other	4,464
14	11.0101	Computer and Information Sciences, General	4,074
15	11.0201	Computer Programming	4,055
16	43.0105	Criminal Justice Technology	3,923
17	13.0101	Education, General	3,845
18	43.0107	Law Enforcement	3,781
19	07.0606	Secretarial	3,564
20	17.0209	Radiologic (Medical) Technology	3,253
21	30.0101	Biological and Physical Sciences	3,241
22	08.0102	Fashion Merchandising	3,162
23	30.0401	Humanities and Social Sciences	3,140
24	11.0301	Data Processing	3,134
25	07.0603	Executive Secretarial	3,041
26	17.0102	Dental Hygiene	2,898
27	07.9999	Business (Administrative Support), Other	2,826
28	17.0309	Medical Laboratory Technology	2,788
29	15.0301	Computer Technology	2,404
30	48.0203	Commercial Art	2,383
31	15.0801	Aeronautical Technology	2,377
32	15.0805	Mechanical Design Technology	2,367
33	14.0101	Engineering, General	2,211
34	17.0503	Medical Assisting	2,196
35	06.9999	Business and Management, Other	2,075
36	30.9999	Multi/Interdisciplinary Studies, Other	2,017
37	07.0401	Office Supervision and Management	1,941
38	15.0202	Drafting and Design Technology	1,929
39	07.0604	Legal Secretarial	1,918
40	07.0608	Word Processing	1,870
41	47.0604	Automotive Mechanics	1,836
42	07.0102	Accounting and Computing	1,816
43	15.0803	Automotive Technology	1,810
44	15.9999	Engineering and Engineering-related Technologies, Other	1,806
45	22.0103	Legal Assisting	1,770
46	50.0801	Graphic Arts Technology	1,686
47	06.1401	Marketing Management	1,674
48	15.0302	Electrical Technology	1,656
49	45.0101	Social Sciences, General	1,613
50	20.0499	Food Production, Management, and Services, Other	1,507

*The field of study for each program can be determined by comparing the first 2 digits of the CIP code on this table with the CIP codes provided on the table on pp. 22-24.

**Associate degrees for all instructional programs, men and women combined, total 454,712.

SOURCE: U.S. Department of Education, Center for Education Statistics, Degrees and Other Formal Awards Conferred survey, 1985.

Table 3.4.—Top 50 instructional programs in conferrals of associate degrees to men in institutions of higher education, by rank, program, and number of awards: 50 States and D.C., academic year 1985

Rank	CIP code	Instructional program*	Number of awards**
		Total	152,947
1	24.0101	Liberal Arts and Sciences	44,585
2	15.0303	Electronic Technology	16,713
3	06.0401	Business Administration and Management, General	8,963
4	06.0101	Business and Management, General	5,782
5	07.0301	Business Data Processing and Related Programs, General	4,413
6	15.0399	Electrical and Electronic Technologies, Other	4,180
7	07.0305	Business Data Programming	3,352
8	18.1101	Nursing, General	3,072
9	43.0107	Law Enforcement	2,824
10	43.0105	Criminal Justice Technology	2,774
11	08.9999	Marketing and Distribution, Other	2,663
12	24.0199	Liberal/General Studies, Other	2,592
13	15.0801	Aeronautical Technology	2,256
14	11.0101	Computer and Information Sciences, General	2,179
15	15.0805	Mechanical Design Technology	2,163
16	07.0101	Accounting, Bookkeeping, and Related Programs, General	2,067
17	11.0201	Computer Programming	2,008
18	14.0101	Engineering, General	1,967
19	15.0301	Computer Technology	1,883
20	06.0201	Accounting	1,806
21	47.0604	Automotive Mechanics	1,795
22	15.0803	Automotive Technology	1,769
23	30.0101	Biological and Physical Sciences	1,647
24	15.9999	Engineering and Engineering-Related Technologies, Other	1,579
25	15.0202	Drafting and Design Technology	1,578
26	15.0302	Electrical Technology	1,560
27	11.0301	Data Processing	1,510
28	06.9999	Business and Management, Other	1,508
29	13.0101	Education, General	1,360
30	30.0401	Humanities and Social Sciences	1,177
31	43.0201	Fire Control and Safety Technology	1,115
32	15.0403	Electromechanical Technology	1,096
33	15.0201	Civil Technology	1,083
34	46.9999	Construction Trades, Other	1,065
34	48.0101	Drafting, General	1,065
36	07.9999	Business (Administrative Support), Other	1,053
37	47.0602	Aircraft Mechanics	1,036
38	48.0203	Commercial Art	1,024
39	47.0104	Computer Electronics	1,017
40	15.0101	Architectural Design and Construction Technology	995
41	14.1001	Electrical, Electronics, and Communications Engineering	977
42	30.9999	Multi/Interdisciplinary Studies, Other	976
43	20.0499	Food Production, Management, and Services, Other	944
44	15.0603	Industrial Technology	896
45	17.0209	Radiologic (Medical) Technology	866
46	15.0899	Mechanical and Related Technologies, Other	861
47	48.0503	Machine Tool Operation/Machine Shop	813
48	10.0199	Communications Technologies, Other	787
49	20.0403	Chef/Cook	786
50	06.1401	Marketing Management	767

*The field of study for each program can be determined by comparing the first 2 digits of the CIP code on this table with the CIP codes provided on the table on pp. 22-24.

**Associate degrees for all instructional programs, men and women combined, total 454,712.

SOURCE: U.S. Department of Education, Center for Education Statistics, Degrees and Other Formal Awards Conferred survey, 1985.

Table 3.5—Top 50 instructional programs in conferrals of associate degrees to women in institutions of higher education, by rank, program, and number of awards: 50 States and D.C., academic year 1985

Rank	CIP code	Instructional program*	Number of awards**
		Total	205,787
1	24.0101	Liberal Arts and Sciences	55,878
2	18.1101	Nursing, General	37,262
3	06.0401	Business Administration and Management, General	10,567
4	07.0601	Secretarial and Related Programs, General	7,713
5	06.0101	Business and Management, General	7,105
6	07.0301	Business Data Processing and Related Programs, General	5,674
7	07.0101	Accounting, Bookkeeping, and Related Programs, General	4,929
8	08.9999	Marketing and Distribution, Other	4,571
9	07.0305	Business Data Programming	3,748
10	06.0201	Accounting	3,721
11	07.0606	Secretarial	3,522
12	24.0199	Liberal/General Studies, Other	3,341
13	07.0603	Executive Secretarial	3,029
14	08.0102	Fashion Merchandising	3,018
15	17.0102	Dental Hygiene	2,861
16	13.0101	Education, General	2,485
17	17.0209	Radiologic (Medical) Technology	2,387
18	17.0309	Medical Laboratory Technology	2,287
19	17.0503	Medical Assisting	2,138
20	11.0201	Computer Programming	2,047
21	30.0401	Humanities and Social Sciences	1,963
22	11.0101	Computer and Information Sciences, General	1,895
23	07.0604	Legal Secretarial	1,877
24	07.0608	Word Processing	1,845
25	07.9999	Business (Administrative Support), Other	1,773
26	11.0301	Data Processing	1,624
27	22.0103	Legal Assisting	1,597
28	30.0101	Biological and Physical Sciences	1,594
29	15.0303	Electronic Technology	1,405
30	07.0605	Medical Secretarial	1,378
31	07.0102	Accounting and Computing	1,362
32	48.0203	Commercial Art	1,359
33	07.0401	Office Supervision and Management	1,333
34	50.0801	Graphic Arts Technology	1,181
35	04.0501	Interior Design	1,175
36	17.0605	Practical Nursing	1,159
37	43.0105	Criminal Justice Technology	1,149
38	30.9999	Multi/Interdisciplinary Studies, Other	1,041
39	18.1199	Nursing, Other	996
40	45.0101	Social Sciences, General	976
41	43.0107	Law Enforcement	957
42	08.0705	Retailing	911
43	06.1401	Marketing Management	907
44	17.0210	Respiratory Therapy Technology	899
44	17.0506	Medical Records Technology	899
46	17.0815	Physical Therapy Assisting	894
47	20.0102	Child Development, Care, and Guidance	867
48	20.0205	Teacher Aide	859
49	13.1202	Elementary Education	825
50	20.0202	Child Care Aide/Assisting	804

*The field of study for each program can be determined by comparing the first 2 digits of the CIP code on this table with the CIP codes provided on the table on pp. 22-24.

**Associate degrees for all instructional programs, men and women combined, total 454,712.

SOURCE: U.S. Department of Education, Center for Education Statistics, Degrees and Other Formal Awards Conferred survey, 1985.

Table 3.6.—Top 50 instructional programs in conferrals of 1-but-less-than-4-year awards in institutions of higher education, by rank, program, and number of awards: 50 States and D.C., academic year 1985

Rank	CIP code	Instructional program*	Number of awards**
		Total	84,673
1	17.0605	Practical Nursing	12,322
2	15.0303	Electronic Technology	6,899
3	07.0601	Secretarial and Related Programs, General	4,972
4	06.0499	Business Administration and Management, Other	4,777
5	12.0403	Cosmetology	3,847
6	47.0604	Automotive Mechanics	3,535
7	17.0602	Nursing Assisting	3,067
8	07.0606	Secretarial	2,497
9	17.0101	Dental Assisting	2,396
10	07.0608	Word Processing	2,347
11	48.0508	Welding, Brazing, and Soldering	2,001
12	48.0503	Machine Tool Operation/Machine Shop	1,987
13	07.0702	Clerk-typist	1,807
14	17.0503	Medical Assisting	1,786
15	47.0605	Diesel Engine Mechanics	1,753
16	07.0301	Business Data Processing and Related Programs, General	1,690
17	47.0201	Heating, Air Conditioning, and Refrigeration Mechanics, General	1,678
18	47.0603	Automotive Body Repair	1,495
19	07.0101	Accounting, Bookkeeping, and Related Programs, General	1,391
20	15.9999	Engineering and Engineering-related Technologies, Other	973
21	47.0101	Electrical and Electronics Equipment Repair, General	955
22	24.0101	Liberal Arts and Sciences	929
23	46.0302	Electrician	898
24	07.0302	Business Computer and Console Operation	856
25	46.0201	Carpentry	849
26	15.0501	Air Conditioning, Heating, and Refrigeration Technology	837
27	11.0301	Data Processing	814
28	47.0602	Aircraft Mechanics	788
29	07.0303	Business Data Entry Equipment Operation	777
30	07.0305	Business Data Programming	776
31	17.0210	Respiratory Therapy Technology	774
32	17.0211	Surgical Technology	771
33	22.0103	Legal Assisting	756
33	11.0101	Computer and Information Sciences, General	756
35	07.0705	General Office Clerk	712
36	15.0803	Automotive Technology	691
37	06.0101	Business and Management, General	685
38	06.0401	Business Administration and Management, General	682
39	06.0201	Accounting	680
40	01.0601	Horticulture, General	661
41	07.0701	Typing, General Office, and Related Programs, General	614
42	07.0605	Medical Secretarial	611
43	08.0102	Fashion Merchandising	599
44	17.0206	Emergency Medical Technology-Paramedic	596
45	11.0201	Computer Programming	590
46	18.1101	Nursing, General	581
47	17.0205	Emergency Medical Technology-Ambulance	573
48	47.9999	Mechanics and Repairers, Other	563
49	47.0104	Computer Electronics	542
50	47.0105	Industrial Electronics	537

*The field of study for each program can be determined by comparing the first 2 digits of the CIP code on this table with the CIP codes provided on the table on pp. 22-24.

**One-but-less-than-4-year awards for all instructional programs, men and women combined, total 123,680.

SOURCE: U.S. Department of Education, Center for Education Statistics, Degrees and Other Formal Awards Conferred survey, 1985.

Table 3.7.-Top 50 instructional programs in conferrals of 1-but-less-than-4-year awards to men in institutions of higher education, by rank, program, and number of awards: 50 States and D.C., academic year 1985

Rank	CIP code	Instructional program*	Number of awards**
		Total	41,971
1	15.0303	Electronic Technology	6,491
2	06.0499	Business Administration and Management, Other	4,144
3	47.0604	Automotive Mechanics	3,457
4	48.0508	Welding, Brazing, and Soldering	1,935
5	48.0503	Machine Tool Operation/Machine Shop	1,919
6	47.0605	Diesel Engine Mechanics	1,719
7	47.0201	Heating, Air Conditioning, and Refrigeration Mechanics, General	1,660
8	47.0603	Automotive Body Repair	1,474
9	15.9999	Engineering and Engineering-related Technologies, Other	904
10	47.0101	Electrical and Electronics Equipment Repair, General	872
11	46.0302	Electrician	870
12	15.0501	Air Conditioning, Heating, and Refrigeration Technology	825
13	46.0201	Carpentry	808
14	47.0602	Aircraft Mechanics	765
15	17.0605	Practical Nursing	701
16	15.0803	Automotive Technology	684
17	07.0301	Business Data Processing and Related Programs, General	652
18	47.9999	Mechanics and Repairers, Other	553
19	24.0101	Liberal Arts and Sciences	489
20	47.0103	Communication Electronics	486
21	47.0105	Industrial Electronics	485
22	47.0104	Computer Electronics	472
23	46.9999	Construction Trades, Other	451
24	17.0206	Emergency Medical Technology-Paramedic	443
25	48.0105	Mechanical Drafting	432
26	17.0602	Nursing Assisting	430
27	01.0601	Horticulture, General	419
28	48.0101	Drafting, General	396
29	46.0301	Electrical and Power Transmission Installation, General	391
30	11.0101	Computer and Information Sciences, General	372
31	17.0205	Emergency Medical Technology-Ambulance	370
32	15.0610	Welding Technology	367
33	15.0399	Electrical and Electronic Technologies, Other	366
34	15.0801	Aeronautical Technology	346
35	07.0305	Business Data Programming	335
36	48.0507	Tool and Die Making	327
37	06.0401	Business Administration and Management, General	325
38	15.0302	Electrical Technology	315
39	47.0606	Small Engine Repair	313
40	11.0301	Data Processing	303
41	07.0101	Accounting, Bookkeeping, and Related Programs, General	289
42	43.0109	Security Services	284
43	15.0301	Computer Technology	273
44	12.0301	Funeral Services	271
45	43.0107	Law Enforcement	265
46	11.0201	Computer Programming	261
47	47.0303	Industrial Equipment Maintenance and Repair	260
48	07.0302	Business Computer and Console Operation	255
49	43.0105	Criminal Justice Technology	251
50	17.0210	Respiratory Therapy Technology	248
50	48.0102	Architectural Drafting	248

*The field of study for each program can be determined by comparing the first 2 digits of the CIP code on this table with the CIP codes provided on the table on pp. 22-24.

**One-but-less-than-4-year awards for all instructional programs, men and women combined, total 123,680.

SOURCE: U.S. Department of Education, Center for Education Statistics, Degrees and Other Formal Awards Conferred survey, 1985.

Table 3.8.—Top 50 instructional programs in conferrals of 1-but-less-than-4-year awards to women in institutions of higher education, by rank, program, and number of awards: 50 States and D.C., academic year 1985

Rank	CIP code	Instructional program*	Number of awards**
		Total	51,980
1	17.0605	Practical Nursing	11,621
2	07.0601	Secretarial and Related Programs, General	4,903
3	12.0403	Cosmetology	3,618
4	17.0602	Nursing Assisting	2,637
5	07.0606	Secretarial	2,478
6	17.0101	Dental Assisting	2,380
7	07.0608	Word Processing	2,278
8	17.0503	Medical Assisting	1,757
9	07.0702	Clerk-typist	1,707
10	07.0101	Accounting, Bookkeeping, and Related Programs, General	1,102
11	07.0301	Business Data Processing and Related Programs, General	1,038
12	07.0303	Business Data Entry Equipment Operation	710
13	07.0705	General Office Clerk	704
14	22.0103	Legal Assisting	674
15	17.0211	Surgical Technology	651
16	06.0499	Business Administration and Management, Other	633
17	07.0605	Medical Secretarial	603
18	07.0302	Business Computer and Console Operation	601
19	07.0701	Typing, General Office, and Related Programs, General	599
20	08.0102	Fashion Merchandising	566
21	18.1101	Nursing, General	545
22	17.0210	Respiratory Therapy Technology	526
23	11.0301	Data Processing	511
24	06.0201	Accounting	502
25	07.0603	Executive Secretarial	444
26	07.0305	Business Data Programming	441
27	24.0101	Liberal Arts and Sciences	440
28	06.0101	Business and Management, General	438
29	15.0303	Electronic Technology	408
30	20.0202	Child Care Aide/Assisting	395
31	11.0101	Computer and Information Sciences, General	384
32	07.0103	Bookkeeping	383
33	20.0102	Child Development, Care, and Guidance	381
34	07.0604	Legal Secretarial	378
35	06.0401	Business Administration and Management, General	357
36	07.9999	Business (Administrative Support), Other	340
37	11.0201	Computer Programming	329
38	04.0501	Interior Design	324
39	17.0818	Respiratory Therapy	317
40	06.1101	Labor/Industrial Relations	314
41	07.0699	Secretarial and Related Programs, Other	306
42	17.0102	Dental Hygiene	277
43	08.1102	Transportation Marketing	273
44	20.0201	Child Care and Guidance Management and Services, General	260
45	08.9999	Marketing and Distribution, Other	256
46	07.0102	Accounting and Computing	248
47	01.0601	Horticulture, General	242
48	19.0902	Fashion Design	240
49	08.1104	Tourism	237
50	24.0199	Liberal/General Studies, Other	224

*The field of study for each program can be determined by comparing the first 2 digits of the CIP code on this table with the CIP codes provided on the table on pp. 22-24.

**One-but-less-than-4-year awards for all instructional programs, men and women combined, total 123,680.

SOURCE: U.S. Department of Education, Center for Education Statistics, Degrees and Other Formal Awards Conferred survey, 1985.

Table 3.9.—Top 50 instructional programs in conferrals of less-than-1-year awards in institutions of higher education, by rank, program, and number of awards: 50 States and D.C., academic year 1985

Rank	CIP code	Instructional program*	Number of awards**
		Total	25,352
1	17.0602	Nursing Assisting	3,690
2	17.0205	Emergency Medical Technology-Ambulance	2,481
3	17.0605	Practical Nursing	1,737
4	49.0205	Truck and Bus Driving	1,282
5	06.1701	Real Estate	754
6	17.0503	Medical Assisting	748
7	07.0303	Business Data Entry Equipment Operation	648
8	07.0701	Typing, General Office, and Related Programs, General	512
9	12.0403	Cosmetology	503
10	12.0499	Personal Services, Other	497
11	17.0601	Geriatric Aide	492
12	07.0702	Clerk-typist	489
13	48.0508	Welding, Brazing, and Soldering	488
14	07.0608	Word Processing	482
15	47.0104	Computer Electronics	445
16	17.9999	Allied Health, Other	432
17	07.0606	Secretarial	428
18	43.0203	Firefighting	413
19	43.0107	Law Enforcement	406
19	17.0513	Health Unit Coordinating	406
21	20.0606	Homemaker's Aide	392
22	43.0103	Criminal Justice Administration	369
23	07.0101	Accounting, Bookkeeping, and Related Programs, General	340
24	20.0401	Food Production, Management, and Services, General	330
25	07.0705	General Office Clerk	323
26	06.1799	Real Estate, Other	321
27	07.0601	Secretarial and Related Programs, General	308
28	11.0201	Computer Programming	307
29	08.9999	Marketing and Distribution, Other	290
30	43.0105	Criminal Justice Technology	283
31	47.0604	Automotive Mechanics	281
32	43.0102	Corrections	278
33	15.0303	Electronic Technology	276
34	07.0301	Business Data Processing and Related Programs, General	269
35	07.0605	Medical Secretarial	267
36	01.0601	Horticulture, General	264
37	07.9999	Business (Administrative Support), Other	263
38	06.1901	Taxation	262
39	08.1105	Travel Services Marketing	260
40	06.0101	Business and Management, General	251
41	47.0201	Heating, Air Conditioning, and Refrigeration Mechanics, General	230
42	47.0603	Automotive Body Repair	226
43	15.0501	Air Conditioning, Heating, and Refrigeration Technology	222
44	06.9999	Business and Management, Other	219
45	15.0202	Drafting and Design Technology	212
46	47.0199	Electrical and Electronics Equipment Repair, Other	199
47	17.0206	Emergency Medical Technology-Paramedic	198
48	50.0801	Graphic Arts Technology	197
49	17.0599	Miscellaneous Allied Health Services, Other	192
50	11.0301	Data Processing	190

*The field of study for each program can be determined by comparing the first 2 digits of the CIP code on this table with the CIP codes provided on the table on pp. 22-24.

**Less-than-1-year awards for all instructional programs, men and women combined, total 36,357.

SOURCE: U.S. Department of Education, Center for Education Statistics, Degrees and Other Formal Awards Conferred survey, 1985.

Table 3.10.—Top 50 instructional programs in conferrals of less-than-1-year awards to men in institutions of higher education, by rank, program, and number of awards: 50 States and D.C., academic year 1985

Rank	CIP code	Instructional program*	Number of awards**
		Total	11,277
1	17.0205	Emergency Medical Technology-Ambulance	1,571
2	49.0205	Truck and Bus Driving	1,082
3	48.0508	Welding, Brazing, and Soldering	467
4	43.0203	Firefighting	386
5	43.0107	Law Enforcement	353
6	06.1701	Real Estate	329
7	47.0104	Computer Electronics	284
8	43.0103	Criminal Justice Administration	281
9	47.0604	Automotive Mechanics	276
10	17.0602	Nursing Assisting	273
11	15.0303	Electronic Technology	247
12	12.0499	Personal Services, Other	241
13	43.0102	Corrections	230
13	17.9999	Allied Health, Other	230
15	47.0201	Heating, Air Conditioning, and Refrigeration Mechanics, General	229
16	01.0601	Horticulture, General	225
17	47.0603	Automotive Body Repair	222
18	15.0501	Air Conditioning, Heating, and Refrigeration Technology	220
19	11.0201	Computer Programming	214
20	43.0105	Criminal Justice Technology	213
21	20.0401	Food Production, Management, and Services, General	204
22	15.0202	Drafting and Design Technology	198
23	47.0605	Diesel Engine Mechanics	182
24	15.0610	Welding Technology	166
25	06.1799	Real Estate, Other	164
26	06.1901	Taxation	157
27	48.0503	Machine Tool Operation/Machine Shop	156
28	46.9999	Construction Trades, Other	148
29	06.9999	Business and Management, Other	143
30	01.0104	Farm and Ranch Management	141
31	46.0201	Carpentry	133
32	15.0506	Water and Wastewater Technology	131
33	48.0402	Meatcutting	124
34	07.0301	Business Data Processing and Related Programs, General	117
35	17.0206	Emergency Medical Technology-Paramedic	116
35	17.0605	Practical Nursing	116
37	15.0399	Electrical and Electronic Technologies, Other	103
38	46.0101	Brickmasonry, Stonemasonry, and Tile Setting, General	100
39	47.0602	Aircraft Mechanics	99
39	11.0301	Data Processing	99
39	47.0199	Electrical and Electronics Equipment Repair, Other	99
42	39.0601	Theological Studies	95
43	06.0101	Business and Management, General	92
44	46.0302	Electrician	91
45	47.0103	Communication Electronics	89
45	47.0303	Industrial Equipment Maintenance and Repair	89
45	47.0105	Industrial Electronics	89
48	15.0301	Computer Technology	88
48	07.0701	Typing, General Office, and Related Programs, General	88
50	46.0499	Miscellaneous Construction Trades and Property Maintenance, Other	87

*The field of study for each program can be determined by comparing the first 2 digits of the CIP code on this table with the CIP codes provided on the table on pp. 22-24.

**Less-than-1-year awards for all instructional programs, men and women combined, total 36,357.

SOURCE: U.S. Department of Education, Center for Education Statistics, Degrees and Other Formal Awards Conferred survey, 1985.

Table 3.11.—Top 50 instructional programs in conferrals of less-than-1-year awards to women in institutions of higher education, by rank, program, and number of awards: 50 States and D.C., academic year 1985

Rank	CIP code	Instructional program*	Number of awards**
		Total	17,004
1	17.0602	Nursing Assisting	3,417
2	17.0605	Practical Nursing	1,621
3	17.0205	Emergency Medical Technology-Ambulance	910
4	17.0503	Medical Assisting	742
5	07.0303	Business Data Entry Equipment Operation	567
6	12.0403	Cosmetology	478
7	07.0702	Clerk-typist	468
8	07.0608	Word Processing	465
9	17.0601	Geriatric Aide	452
10	07.0606	Secretarial	426
11	06.1701	Real Estate	425
12	07.0701	Typing, General Office, and Related Programs, General	424
13	17.0513	Health Unit Coordinating	401
14	20.0606	Homemaker's Aide	392
15	07.0705	General Office Clerk	313
16	07.0601	Secretarial and Related Programs, General	296
17	07.0101	Accounting, Bookkeeping, and Related Programs, General	265
17	07.0605	Medical Secretarial	265
19	12.0499	Personal Services, Other	256
20	07.9999	Business (Administrative Support), Other	218
21	08.1105	Travel Services Marketing	207
22	08.9999	Marketing and Distribution, Other	204
23	17.9999	Allied Health, Other	202
24	49.0205	Truck and Bus Driving	200
25	50.0801	Graphic Arts Technology	185
26	17.0599	Miscellaneous Allied Health Services, Other	184
27	17.0101	Dental Assisting	170
28	07.0603	Executive Secretarial	167
29	47.0104	Computer Electronics	161
30	06.0101	Business and Management, General	159
31	06.1799	Real Estate, Other	157
32	20.0102	Child Development, Care, and Guidance	153
33	07.0301	Business Data Processing and Related Programs, General	152
34	13.0101	Education, General	146
35	07.0604	Legal Secretarial	142
36	17.0211	Surgical Technology	141
37	08.1104	Tourism	129
38	20.0401	Food Production, Management, and Services, General	126
39	07.0205	Teller	125
40	07.0103	Bookkeeping	117
41	17.0404	Home Health Aide	114
42	07.0302	Business Computer and Console Operation	110
43	06.1901	Taxation	105
44	47.0199	Electrical and Electronics Equipment Repair, Other	100
45	13.1204	Pre-elementary Education	97
46	11.0201	Computer Programming	93
46	06.0201	Accounting	93
48	11.0301	Data Processing	91
49	43.0103	Criminal Justice Administration	88
50	20.0201	Child Care and Guidance Management and Services, General	85

*The field of study for each program can be determined by comparing the first 2 digits of the CIP code on this table with the CIP codes provided on the table on pp. 22-24.

**Less-than-1-year awards for all instructional programs, men and women combined, total 36,357.

SOURCE: U.S. Department of Education, Center for Education Statistics, Degrees and Other Formal Awards Conferred survey, 1985.

Table 4.0.—Top 50 institutions of higher education conferring less-than-4-year awards, by rank and institution, and by State and number of awards: 50 States and D.C., academic year 1985

Rank	Institution	State	Number of awards
	Total		100,280
1	Miami-Dade Community College	Florida	5,155
2	The American College	Pennsylvania	4,697
3	Macomb Community College	Michigan	3,445
4	Nassau Community College	New York	3,201
5	Southern Ohio College	Ohio	2,936
6	Pennsylvania State University, Main Campus	Pennsylvania	2,883
7	Florida Junior College, Jacksonville	Florida	2,743
8	Saint Petersburg Junior College	Florida	2,441
9	Suffolk County Community College, Selden Campus	New York	2,384
10	Watterson College	Kentucky	2,368
11	Milwaukee Area Technical College	Wisconsin	2,237
12	Broward Community College	Florida	2,188
13	Kirkwood Community College	Iowa	2,162
14	SUNY Agricultural Technical College, Farmingdale	New York	2,067
15	Northern Virginia Community College	Virginia	1,959
16	Robert Morris College	Illinois	1,950
17	College of DuPage	Illinois	1,930
18	University of the State of New York, Regents College Degrees	New York	1,928
19	Orange Coast College	California	1,897
20	Cuyahoga Community College District	Ohio	1,872
21	Lansing Community College	Michigan	1,871
22	Oakland Community College	Michigan	1,859
23	Brevard Community College	Florida	1,844
24	Erie Community College, North Campus	New York	1,823
25	Monroe Community College	New York	1,800
26	Madison Area Technical College	Wisconsin	1,779
27	Texas State Technical Institute, Waco Campus	Texas	1,767
28	Mount San Antonio College	California	1,756
29	Des Moines Area Community College	Iowa	1,719
30	Valencia Community College	Florida	1,695
31	Daytona Beach Community College	Florida	1,691
32	American River College	California	1,655
33	Triton College	Illinois	1,602
34	Los Angeles Trade-Technical College	California	1,600
35	Pensacola Junior College	Florida	1,598
36	Cerritos College	California	1,544
37	Palm Beach Junior College	Florida	1,498
38	Hudson Valley Community College	New York	1,486
39	Johnson and Wales College	Rhode Island	1,485
40	Mesa Community College	Arizona	1,483
41	San Joaquin Delta College	California	1,470
42	Los Angeles Valley College	California	1,469
43	San Francisco Community College District	California	1,456
44	Tidewater Community College	Virginia	1,448
45	William Rainey Harper College	Illinois	1,426
46	Community College of Rhode Island	Rhode Island	1,417
47	Pima Community College	Arizona	1,408
48	Southeastern Nebraska Technical Community College Area	Nebraska	1,406
49	Seminole Community College	Florida	1,396
50	CUNY Queensborough Community College	New York	1,386

SOURCE: U.S. Department of Education, Center for Education Statistics, Degrees and Other Formal Awards Conferred survey, 1985.

Table 4.1.—Top 50 institutions of higher education conferring associate degrees, by rank and institution, and by State and number of awards: 50 States and D.C., academic year 1985

Rank	Institution	State	Number of awards
	Total		77,600
1	Miami-Dade Community College	Florida	5,024
2	Nassau Community College	New York	3,148
3	Macomb Community College	Michigan	2,471
4	Suffolk County Community College, Selden Campus	New York	2,141
5	Saint Petersburg Junior College	Florida	2,054
6	Broward Community College	Florida	1,972
7	University of the State of New York, Regents College Degrees	New York	1,928
8	Cuyahoga Community College District	Ohio	1,851
9	Northern Virginia Community College	Virginia	1,810
10	Oakland Community College	Michigan	1,760
11	Monroe Community College	New York	1,713
12	Erie Community College, North Campus	New York	1,697
13	Florida Junior College, Jacksonville	Florida	1,681
14	Valencia Community College	Florida	1,669
15	SUNY Agricultural and Technical College, Farmingdale	New York	1,662
16	Lansing Community College	Michigan	1,572
17	Johnson and Wales College	Rhode Island	1,473
18	Hudson Valley Community College	New York	1,468
19	San Francisco Community College District	California	1,456
20	College of DuPage	Illinois	1,415
21	Mount San Antonio College	California	1,358
22	Vincennes University	Indiana	1,339
23	University of Florida	Florida	1,320
24	SUNY Agricultural and Technical College, Alfred	New York	1,316
25	Milwaukee Area Technical College	Wisconsin	1,289
26	American River College	California	1,280
27	Ferris State College	Michigan	1,273
28	Palm Beach Junior College	Florida	1,265
29	Brevard Community College	Florida	1,262
30	Community College of Rhode Island	Rhode Island	1,246
31	Triton College	Illinois	1,241
31	Henry Ford Community College	Michigan	1,241
33	Ricks College	Idaho	1,240
34	Delta College	Michigan	1,228
35	CUNY Kingsborough Community College	New York	1,220
36	CUNY New York City Technical College	New York	1,217
37	Wayne County Community College	Michigan	1,206
38	Tarrant County Junior College	Texas	1,200
39	Hillsborough Community College	Florida	1,193
40	Broome Community College	New York	1,182
41	Long Beach City College	California	1,169
42	CUNY Queensborough Community College	New York	1,164
43	Sinclair Community College	Ohio	1,158
44	El Camino College	California	1,147
45	Pensacola Junior College	Florida	1,144
46	William Rainey Harper College	Illinois	1,143
47	County College of Morris	New Jersey	1,137
48	Orange Coast College	California	1,131
49	Middlesex County College	New Jersey	1,120
50	Madison Area Technical College	Wisconsin	1,105

SOURCE: U.S. Department of Education, Center for Education Statistics, Degrees and Other Formal Awards Conferred survey, 1985.

Table 4.2.—Top 50 institutions of higher education conferring 1-but-less-than-4-year awards, by rank and institution, and by State and number of awards: 50 States and D.C., academic year 1985

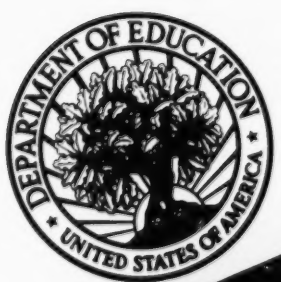
Rank	Institution	State	Number of awards
	Total		38,172
1	The American College	Pennsylvania	4,697
2	Pennsylvania State University, Main Campus	Pennsylvania	2,217
3	Watterson College	Kentucky	2,188
4	Southern Ohio College	Ohio	2,094
5	Robert Morris College	Illinois	1,568
6	Cleveland Institute of Electronics	Ohio	1,180
7	Los Angeles Trade-Technical College	California	1,007
8	Macomb Community College	Michigan	974
9	Milwaukee Area Technical College	Wisconsin	867
10	Devry Institute of Technology	Illinois	844
11	Dakota County Area Vocational Technical Institute	Minnesota	804
12	Lee College	Texas	757
13	Spokane Community College	Washington	753
14	Orange Coast College	California	741
15	Devry Institute of Technology	Arizona	701
16	Wisconsin Indianhead Technical Institute	Wisconsin	644
17	San Joaquin Delta College	California	581
18	North Dakota State School of Science	North Dakota	564
19	Kirkwood Community College	Iowa	553
20	National Technical School	California	525
21	Northrop University	California	524
21	Saint Paul Technical Vocational Institute	Minnesota	524
23	District One Technical Institute	Wisconsin	523
24	Cerritos College	California	519
25	Madison Area Technical College	Wisconsin	518
26	College of DuPage	Illinois	515
27	Northeast Wisconsin Technical Institute	Wisconsin	512
28	San Diego City College	California	507
29	Western Iowa Tech	Iowa	501
30	Williamsport Area Community College	Pennsylvania	493
31	Devry Institute of Technology	Illinois	491
32	Tidewater Community College	Virginia	483
33	Bryant and Stratton Business Institute	New York	475
34	Texas State Technical Institute, Rio Grande Campus, Harlingan	Texas	467
35	Citrus College	California	462
36	Coleman College	California	456
37	Solano County Community College	California	455
38	Florida Career College	Florida	446
39	Cornell University Statutory Colleges	New York	445
40	Palomar College	California	442
40	Idaho State University	Idaho	442
42	Brooks College	California	431
43	Western Wisconsin Technical Institute	Wisconsin	421
44	Briarcliffe Secretarial School	New York	417
45	Bessemer State Technical College	Alabama	415
46	Seattle Community College, South Campus	Washington	409
47	Devry Institute of Technology	Ohio	406
47	Alexandria Vocational Technical Institute	Minnesota	406
49	SUNY Agricultural Technical College, Farmingdale	New York	405
50	Gateway Technical Institute	Wisconsin	403

SOURCE: U.S. Department of Education, Center for Education Statistics, Degrees and Other Formal Awards Conferred survey, 1985.

Table 4.3.—Top 50 institutions of higher education conferring less-than-1-year awards, by rank and institution, and by State and number of awards: 50 States and D.C., academic year 1985

Rank	Institution	State	Number of awards
	Total		18,724
1	New York University	New York	814
2	Daytona Beach Community College	Florida	700
3	Florida Junior College, Jacksonville	Florida	693
4	Crafton Hills College	California	675
5	Saint Paul Technical Vocational Institute	Minnesota	659
6	Mesa Community College	Arizona	640
7	Des Moines Area Community College	Iowa	639
8	Phoenix College	Arizona	630
9	Indian River Community College	Florida	627
10	Pennsylvania State University, Main Campus	Pennsylvania	605
11	Kirkwood Community College	Iowa	544
12	Seminole Community College	Florida	457
13	Santa Ana College	California	422
14	Texas State Technical Institute, Waco Campus	Texas	381
15	Tampa College	Florida	380
16	Henderson County Junior College	Texas	377
17	Shelton State Community College	Alabama	371
18	Pima Community College	Arizona	364
19	Rogue Community College	Oregon	358
20	South Florida Junior College	Florida	357
21	International Business College	Indiana	355
22	Los Angeles Valley College	California	351
23	Utah Technical College at Salt Lake City	Utah	345
24	Fox Valley Technical Institute	Wisconsin	319
25	Southern Ohio College	Ohio	316
26	Fort Scott Community College	Kansas	315
27	Gulf Coast Community College	Florida	300
28	Kapiolani Community College	Hawaii	283
28	Alexandria Vocational Technical Institute	Minnesota	283
30	Brevard Community College	Florida	280
31	North Iowa Area Community College	Iowa	267
31	Indiana Vocational Technical College - Central Indiana Technical Institute	Indiana	267
33	West Los Angeles College	California	264
34	Dakota County Area Vocational Technical Institute	Minnesota	256
35	Edmonds Community College	Washington	254
36	Phillips College of Greater New Orleans	Louisiana	251
37	Pikes Peak Community College	Colorado	248
38	Bee County College	Texas	240
38	Indiana Vocational Technical College - Northwest	Indiana	240
40	Gateway Technical Institute	Wisconsin	237
41	Hawkeye Institute of Technology	Iowa	236
42	Indiana Vocational Technical College - Northeast Technical Institute	Indiana	235
43	Saint Petersburg Junior College	Florida	223
43	Spokane Community College	Washington	223
45	San Diego Miramar College	California	217
46	Parks College	Colorado	214
47	Central Arizona College	Arizona	212
48	RETS Technical Center	Ohio	206
50	Orlando College	Florida	198
50	Boise State University	Idaho	198
50	Central Community College	Nebraska	198

SOURCE: U.S. Department of Education, Center for Education Statistics, Degrees and Other Formal Awards Conferred survey, 1985.



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